TANDY...
Clearly
Superior™

Radio Shack
COMPUTER CENTERS
1986 CATALOG

RSC-15

Radio Shack is the World's Largest Computer Retailer

The Story Behind
TANDY...Clearly Superior™

It starts at one of four kinds of stores.

For over 65 years, millions of Americans have recognized the familiar red letters of our Radio Shack sign as the sign of dependability, quality and value in consumer electronics. Our popular-priced computers are in stock and on display at Radio Shack stores everywhere.

To see our full line of computers, visit your nearest Radio Shack Computer Center. These Computer Centers specialize in support to business and education through fully equipped training facilities, leasing and service plans.

Most of our business computer line can also be found at any Radio Shack *Plus* Computer Center, which is located within a full-line Radio Shack store.

Come to our combined Computer Center/Telephone Center and you'll find a full-line computer operation also offering advanced telecommunications equipment and support for the small to medium sized business.

Professional sales assistance is also available to the following markets.

Classroom Computing. Our Education Division is committed to education. We offer one of the most comprehensive libraries of educational software available anywhere. And we're helping introduce teachers to the benefits of computers in schools by providing training at no charge. Direct inquiries to: Education Division, 1400 One Tandy Center, Fort Worth, TX 76102.

Corporate Sales. Radio Shack provides for the needs of corporations and quantity buyers. We'll help solve your company's computer application and communication needs. Direct inquiries to: National Account Division, 1400 One Tandy Center, Fort Worth, TX 76102.

Value Added Resale. OEM's and System Houses become part of our success story by designing and selling vertical market application packages configured with our computers. Direct inquiries to: Tandy Value Added Resale, Dept. 1400 One Tandy Center, Fort Worth, TX 76102.

TECHNOLOGY...Clearly Superior

When you buy a Tandy computer from Radio Shack, you're not just buying a computer, you're buying a computer company. Radio Shack invests heavily in product development so that our line is constantly updated with new technology. By staying a step ahead, we not only keep quality high, we keep costs down, as evidenced throughout this catalog.

SERVICE...Clearly Superior

In today's office, the microcomputer is as indispensable as the telephone. Radio Shack understands this and offers service responsiveness previously available only on mainframe computers, yet at a fraction of the cost.

Nationwide Service. 188 strategically located, company-owned Radio Shack Computer Service Centers assure convenient service nationwide. Service that's performed by employees of the same company that manufactured and sold you your computer.

On-Site and Carry-In Service. In most market areas, service is available at your place of business, as well as ours. And at our Business Products Service Centers, you can bring in your computer for routine service performed while you wait.

Affordable Service Contracts. For protection against unexpected repair costs, add one of our service contracts to your computer. Carry-in and on-site service contracts let you create a truly versatile service program to suit your specific needs. In effect, these plans extend the limited warranty of your computer on parts and labor.

SUPPORT...Clearly Superior

Training. Radio Shack offers training and support that is unequaled in the industry. Letting us teach you about your computer system shortens and smoothes that period of "becoming compatible with each other". You can select from a wide variety of courses taught at over 430 Computer Centers. On-site computer instruction with training tailored to your specific needs is available from our Customer Training and Support Centers located in 60 major market areas.

Support Services. Radio Shack provides more support options at less cost (much of it free of charge, in fact) than any other microcomputer company. Our army of support specialists (over 500 of them) are your "on-demand" experts. Nationwide, 60 strategically placed support operations plus our Fort Worth-based customer support operation ensure that support is available to you where and when you need it. Ask for our Customer Support brochure which details the various support services available as well as the locations and telephone "hotline" numbers of each support office.

Express Order Services. We support you with "off the shelf" software, plus many other top name packages. Our exclusive Express Order Software service brings you software that's performance proven, and professionally supported by each software vendor. Special expansion boards and other hardware enhancements are also available through our Express Order Hardware Service. Express Order items can be ordered at any Radio Shack Computer Center, store or participating dealer. Orders are transmitted electronically and shipped the next business day for super-fast service.

Referral Software Service. Our Directory of Reviewed Software puts an end to your search for hard-to-find software. It's packed with hundreds of specialized software applications that have been custom designed for businesses just like yours. Each package has been evaluated by our professionals, but are not sold or supported by Radio Shack. Complete information on how to contact and order from the independent vendor is provided in the Directory at any Radio Shack Computer Center.

Commercial Leasing. Your business may lease computer systems on a 37-month lease. And since ours is a true lease, payments may be fully tax deductible as a business expense. We can provide leasing terms to non-profit, governmental and educational organizations, too. Get complete details at any Radio Shack Computer Center.

Credit Cards Welcomed. Radio Shack honors American Express, Carte Blanche, Diner's Club, MasterCard, Visa and Radio Shack/CitiLine. With Citibank's special "On-Line" credit process, approval for up to $2,500 takes only 15 minutes or less if you already have a Visa or MasterCard. Or you can use Citibank's standard credit process for approval on up to $25,000 usually within an hour or less. CitiLine may be used to finance any initial purchase of $100 or more, and subsequent purchases of $25 or more. Payments can be conveniently budgeted for up to 33 months, or paid in full any time. CitiLine is an open-ended credit plan from Citibank. Your actual payment may vary depending on your CitiLine balance. Come in for details.

Quantity Discounts

Product	6-11 of 1 item	12-49 of 1 item	50-499 of 1 item	500-Up of 1 item
Software, Books, Accessories, Ribbons, Paper	10%	15%	17%	20%
Model 100, 200 Pocket & Color Computers, Printers, Peripherals	5%	10%	15%	20%
Model 4D, Tandy 6000, 2000, 1200 HD, & 1000	5%	10%	(See store manager for quantities over 20.)	

For discounts on diskettes and cassettes, see page 54 and 55. All prices and terms optional in Dealer/Franchise stores. Prices are subject to change without notice.

THE TANDY 1000 WITH DESKMATE

We've Cut the Price on Our Most Popular Personal Computer Ever...And Introduced a Hard Disk Version!

1-Disk Tandy 1000

NEW LOW PRICE! **999⁰⁰**

Was $1199.00 in Cat. RSC-14

Low As $45 Per Month on CitiLine∗

Ten-Megabyte Tandy 1000 HD

NEW FOR '86 **1999⁰⁰**

Commercial Lease Available for Only $70 Per Month (Plus Applicable Use/Sales Tax)

Monitor sold separately.

- Comes with DeskMate™ Multi-Function Disk Software
- Includes Adapters for Monitor, Printer, Light Pen Interface and Joysticks—Plus a DOS and BASIC
- Get IBM PC Compatibility for Much Less—Choose From Thousands of Popular MS-DOS Based Software Packages

In price and performance, it's only natural to compare the Tandy 1000 with IBM's PC. After all, both let you choose from an astounding collection of MS-DOS programs, including Lotus 1-2-3, the pfs: series, Multiplan, MS-Word, dBASE II, DR Graph and many others.

Buying an IBM PC, however, is like getting only half a machine. You'll also need to purchase adapters to use a monitor, printer, joysticks and light pen. The Tandy 1000 includes these adapters, as well as such "extras" as a disk operating system and BASIC.

Indeed, an IBM PC equipped with these features, 256K RAM and a color monitor will run you over $3153∗. The equivalent Tandy 1000 is only $1698.90 and gives you superior graphics with more colors!

Unlike IBM's PC, every Tandy 1000 comes with applications software. We call it DeskMate™, and it's word processing, spreadsheet analysis, electronic filing, telecommunications, a calendar and electronic mail all on one disk. It's your first step in software . . . and it's included with every Tandy 1000 (see description, next page).

The Tandy 1000 also comes with 128K RAM, expandable to 640K. Monochrome and color graphics adapters are built right in for easy hookup to a monitor—and you can even connect the Tandy 1000 to any color TV∗∗. There's also a three-voice sound circuit, plus a built-in speaker for sophisticated sound and music generation.

Tandy 1000 has an enormous selection of software. Spreadsheet, word processing, integrated applications, home education, entertainment—it's all available at your local Radio Shack Computer Center. Plus, you can order some of the hottest names in software from our exclusive Express Order Service (see story, page 3).

DeskMate software, easy user expansion and superb graphics make the Advanced Technology Tandy 1000 Clearly Superior.

Tandy 1000. 25-1000 . . . . 999.00

Compare Tandy 1000 with the IBM® PC

Feature Description	Tandy 1000	IBM PC
Monochrome Graphics	Included	Option
Color Graphics	Included	Option
Joystick Interface	Included	Option
Keyboard	90 Keys	83 Keys
Printer Interface	Included	Option
Light Pen Interface	Included	No
Hard Disk	Option	Option
Secondary Floppy	Option	Option
DOS/BASIC	Included	No
Bundled Applications	Included	No
PC Expansion Slots	3	5∗

∗Note: Only three slots available on IBM PC for expansion.

External 10-Megabyte Hard Disk Drive

NEW FOR '86 **699⁰⁰**

Get 10 Million Characters of Data and Program Storage

10-Meg. Disk System. Expand your Tandy 1000's storage affordably. Add two to the Tandy 1000 or one to the Tandy 1000 HD for 20 megabytes of total system storage (Cable Kit and installation required for secondary unit). Requires Hard Disk Controller Board (25-1007)—see page 19. 25-1025 . . . . 699.00

10-Megabyte Tandy 1000 HD

Tandy 1000 HD. Now you can get a high-capacity business computer at a lower price than you ever dreamed. The Tandy 1000 HD comes with 256K memory and a built-in ten-megabyte hard disk drive. That's 10 million characters of fast-access storage for data base processing, inventory control, accounting and payroll—any of the big jobs. Best of all, the Tandy 1000 HD is only $1999. An IBM PC *without* a hard disk is also $1999∗. Pick the 1000 HD and you've got a superior system—for much less.

25-1001 . . . . 1999.00

∗Based on manufacturer's suggested retail prices as of 4/1/85.
∗∗Requires optional RF modulator. Supports 40-column video only.

DESKMATE™—NOW FOR MANY PC's

Included with the Tandy 1000 at No Extra Charge, and Now Available for Use With Other PC's for Only $199⁹⁵

- Now Owners of the Tandy 2000, Tandy 1200 HD, IBM PC and PC Compatibles Can Enjoy DeskMate
- Text Processing for Preparing Correction-Free Reports, Memos and Correspondence
- Convenient Electronic Filing Program
- Electronic Spreadsheet Lets You Make Countless "What If . . . " Calculations
- Telecommunications Program Lets You Communicate with Other Computers and Information Services
- Calendar/Alarm to Remind You of Appointments

Monthly Calendar with Current Date Highlighted

Appointment Calendar and Event Reminder

Function Menu Displays Your Files for Each Function, Plus Control Key Commands

Tandy 1000 beats the crowd because this multi-function disk software is included at no charge! DeskMate lets you put your Tandy 1000 to work the minute you get it unpacked*. It's the easiest way yet to learn what word processing, for example, can do for you. It also saves you money, because later, when you buy more powerful programs, you'll already be familiar with the applications before you ever spend a penny on software.

DeskMate is user-friendly, using the same commands throughout all applications. The system utilizes the Tandy 1000's control keys, so there are no complicated commands to memorize. Each day you'll be greeted by a menu that displays a calendar, appointment schedule and a list of each file stored for every function. Choose from word processing, spreadsheet analysis, electronic filing, telecommunications and electronic mail. There's also an alarm that you can set to alert you to important events.

TEXT. Text processing made simple. Control-key editing features make it easy to compose and edit text right on the screen. Then print correction-free originals with an optional printer.

WORKSHEET. This electronic spreadsheet uses simple "plain English" entries to make complex calculations instantly! View countless "What if . . . ?" situations in seconds. You can print all or a portion of your spreadsheet. A valuable planning tool for everything from personal finance to marketing.

FILER. Create a name and address file, a small inventory list and more. Simple commands let you create and find files easily. You can sort files by one or more fields and also print your files in any order.

TELECOM. By adding an optional modem, DeskMate lets you communicate with a host computer, information service or another terminal. Information you receive can be saved, printed or stored on diskette for later reference. You can also send your files to other computers. TELECOM will even dial the phone number of anyone listed in FILER at the touch of a key!
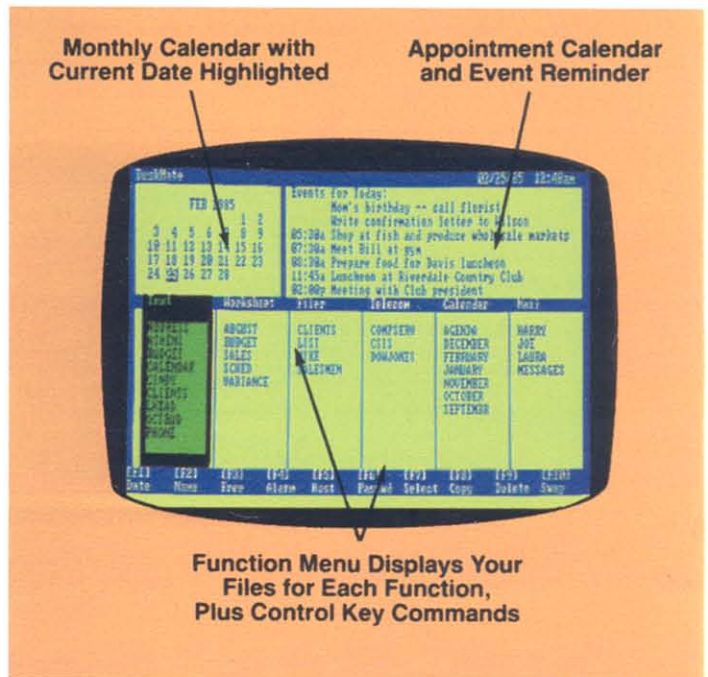
CALENDAR. This part of DeskMate lets you set up an agenda for a month, as well as set your daily appointment calendar. Finding, adding and deleting events is easy. And you can also place events in an alarm file that will trigger an alarm through the Tandy 1000's built-in speaker.

MAIL. This special program lets you send and receive messages to and from other DeskMate users over the phone.

Your Tandy 1000 and DeskMate software come with a thorough, easy-to-understand tutorial manual, a reference manual and quick-reference card. DeskMate—it's your first step in computing!

DeskMate Software for the Tandy 2000, 1200 HD, IBM PC and PC Compatibles

DeskMate for the Tandy 2000. 26-5316 . . . . 199.95
DeskMate for the Tandy 1200 HD, IBM PC and PC Compatibles. 25-3166 . . . . 199.95
DeskMate for the Model 4 is Now Available—See Page 33.
DeskMate for the Color Computer—See Page 43.

*DeskMate requires 80-column monitor.

Complete Your Tandy 1000 System with a Monitor

Choose the Tandy 1000 Display Monitor That's Right for You

We offer three display monitors for the Tandy 1000 to suit your needs. The VM-2 High-Resolution Monochrome Monitor and the CM-2 High-Resolution Color Monitor feature an 80 × 25 display for text, plus 640 × 200 high-resolution graphics. The CM-4 Color Monitor features 80 × 25 text display and 320 × 200 graphics.

[A] **NEW! CM-4 RGBI Color Monitor.** 25-1021 . . . . 299.95
[B] **New Low Price! CM-2 High-Resolution RGBI Color Monitor.** Was $549.95 in Cat. RSC-14. 26-3212 . . . . 459.95
[C] **New Low Price! VM-2 High-Resolution Monochrome Monitor.** Was $159.95 in Cat. RSC-14. 26-3211 . . . . 149.95
Monitor Pedestal. Compact, space-saving pedestal tilts and swivels to give you the best viewing angle. For the VM-1 and VM-2. 26-5115 . . . . 89.95
RF Modulator. Lets you use your Tandy 1000 in 40 × 25 format with any color TV. Requires cables. 15-1273 . . . . 24.95

Monitor Pedestal not included
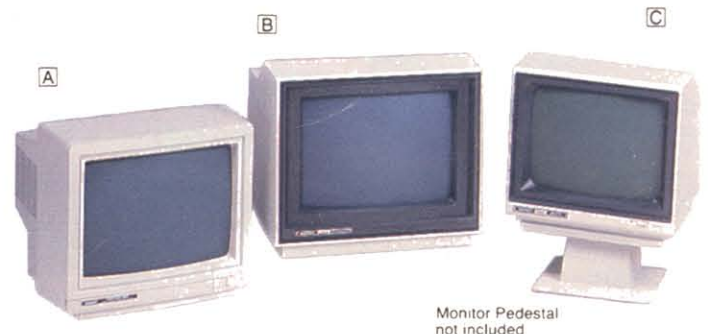
See Page 6 for More Expansion Options for the Tandy 1000

Apply Today for Your Radio Shack/CitiLine Card and Increase Your Buying Power!

*CITILINE REVOLVING CREDIT —See Page 2

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TANDY 1000/1200 HD EXPANSION

User-Installable Tandy 1000/1200 HD Expansion Boards and Options

New Low Price! 300-Baud Modem Board. This easy-to-install board is entirely controlled by Tandy 1000 keyboard entries or software. Your Tandy 1000 can dial or answer the phone completely unattended. And you don't waste any desk space because this 300-baud modem fits right inside your Tandy 1000. Programmable for originate/answer modes and auto dial/answer. Get complete control through optional communications software, such as Videotex Plus or Telecom (with DeskMate). It can be used alone or operated with installed RS-232. Works with single-line or multi-line telephones. FCC registered. Was $179.95 in Cat. RSC-14.
25-1003 . . . . 149.95

NEW! 1200-Baud PC Modem. An auto-dial/auto-answer modem for the Tandy 1000/1200 HD, the IBM PC and PC compatibles. Features powerful automatic dialer commands that are compatible with virtually all communications software. Hayes® compatible. Switchable 1200/300-baud operation. Save time with faster transmission of data. FCC registered.
25-1013 . . . . 299.95

RS-232C Option Board. Lets your Tandy 1000 talk with other computers and access national information services, when combined with communications software and external modem. Use with high-speed modems or serial plotters and printers. Plugs into one of Tandy 1000's option card slots.
25-1006 . . . . 99.95

PLUS RS-232C Option Card. For use with Memory PLUS Expansion Board (25-1011). Does not use a card slot.
25-1014 . . . . 99.95

New Low Price! Hard Disk Controller Board. Allows you to add hard disk drives for up to 70 million characters of storage for data and programs. Compatible with most Tandy 1000 software—most programs transfer directly to hard disk. Includes cable for use with our 10, 15 or 35-Megabyte Hard Disks. Was $329.95 in Cat. RSC-14.
25-1007 . . . . 299.95

Digi-Mouse Controller/Calendar Board. Dual-purpose board includes controller for Digi-Mouse™ and perpetual time/date clock so that you don't have to re-input time and date into your applications programs. Includes demo program and documentation on how to use the Digi-Mouse in your programs. Battery back-up.
25-1010 . . . . 99.95

PLUS Digi-Mouse Controller/Calendar Board. For use with Memory PLUS Expansion Board (25-1011). Does not use a card slot.
25-1015 . . . . 99.95

New Low Price! Tandy 1000 Disk Drive Kit. Provides an additional 360K of disk storage. Mounts internally. Installation recommended (not included). Was $299.95 in Cat. RSC-14. 25-1005 . . . . 199.95

Memory Expansion

New Low Price! 256K Memory Expansion Board. User-installable board expands your Tandy 1000 to 256K RAM. Lets you add additional memory for total system size of 384K. Also includes Direct Memory Access (DMA) controller which can speed up computer operations. Was $299.95 in Cat. RSC-14. 25-1004 . . . . 239.95

NEW! Memory PLUS Expansion Board. Provides an additional 256K of memory—bringing your 128K Tandy 1000 to 384K. Add the 256K RAM Kit (below) for a full 640K. PLUS Expansion Board (RS-232 or Mouse) can be plugged into a special connector, saving a slot for other applications.
25-1011 . . . . 319.95

NEW! 256K RAM Kit. Installs on the Memory PLUS Expansion Board (#25-1011) to increase your Tandy 1000's memory to the system capacity of 640K.
26-6019 . . . . 199.95

New Low Price! 512K Memory Expansion Board. Uses an expansion slot to upgrade from 384K to 512K. For Tandy 1000/1200 HD/PC/Compatibles. Was $249.95 in Cat. RSC-14.
25-1009 . . . . 199.95

New Low Price! 128K RAM Upgrade Kit. Use to upgrade your Tandy 1000 from 256K to 384K or from 512K to 640K. Gives you a total of 640K memory in conjunction with Expansion Boards. Was $149.95 in Cat. RSC-14. 26-5162 . . . . 129.95

Expansion Options for the Tandy 1200 HD, PC and PC Compatibles

New Low Price! Captain Multifunction Board. Adds a wealth of expansions, yet uses only one slot. Features 384K of memory that expands your Tandy 1200 HD to 640K. Features 24 built-in programs, an RS-232C serial interface for communications, a parallel printer port and a real time clock with battery backup. Was $795.00 in Cat. RSC-14. 25-3061 . . . . 599.95

Monochrome Monitor Adapter. Produces text display on the VM-3.
25-3040 . . . . 219.00

Graphics Display Adapter. Produces vivid color graphics with the CM-2 Monitor and monochrome graphics with the VM-3 Monitor. 25-3043 . . . . 299.00

Graphics Master Display Adapter. Includes PC Paintbrush software to create detailed color drawings, designs and typestyles. Provides up to 640x200 monochrome or 640x200 four-color graphics with CM-2 Monitor. (Full color graphics are available using a professional monitor available from other sources.) 25-3044 . . . . 695.00

Tandy 1000/1200 HD Tape and Disk Cartridge Systems for Backup

TCS-100 Tape Cartridge System

NEW FOR '86

1999⁰⁰

Backup Your Data on Tape

Now you can get reliable hard disk backup on tape (back up 10 megabytes in as little as 6 minutes). Uses standard ¼" cartridges for over 48 megabytes of archival storage. Requires Interface Kit (below). U.L. listed. 25-3020 . . . . .1999.00

Tandy 1000/1200 HD Interface Kit. Software for file-by-file or mirror-image backup. Also supports IBM PC and compatibles. 25-3021 . . . . 149.95

¼" Data Tape Cartridge. Stores approximately 48 megabytes. 450 ft. 26-1391 . . 34.95

10-Meg Disk Cartridge System

NEW FOR '86

2195⁰⁰

Removable hard disk cartridge (one included) makes it easy to backup and store data from your conventional hard drive system. For more information, see page 19. U.L. listed. 26-1245 . . . . 2195.00

Interface Kit for Tandy 1000/1200 HD. Installation recommended (not included).
25-3022 . . . . 199.95

Now Add-Ons Are Available Through Our Express Order Hardware Service

Now you can order specialized graphics boards, memory boards and other hardware enhancements right from your nearby Radio Shack. These devices are market proven and professionally supported by each vendor. Your order is transmitted electronically for fast service (and is usually shipped the next day). Just stop by your local Radio Shack Computer Center or participating Radio Shack store or dealer today and ask to see the complete listing of available Express Order Hardware.

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THE XT COMPATIBLE TANDY 1200 HD

"The 1200 HD is operationally compatible with the IBM Personal Computer."

—Future Computing, Inc.

NEW LOW PRICE! **1999⁰⁰**

Was $2999.00 in Cat. RSC-14

Commercial Lease Available For Only $70 Per Month (Plus Applicable Use/Sales Tax)

LOTUS™ COMPATIBLE
1 - 2 - 3™
SYMPHONY™
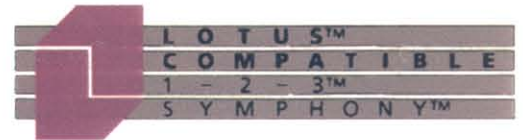
Uses the Same Hardware and Software As IBM's 10-Meg PC XT

How would you like a system that works like an IBM PC XT—but costs at least $2400 less? That's the Tandy 1200 HD—it's compatible with virtually all software and hardware for the IBM XT.

We Invite Comparison— Tandy® vs. IBM®

A Tandy 1200 HD, a VM-3 high-resolution monochrome monitor and monochrome display adapter totals $2437. A comparably equipped IBM 10-Meg. XT totals $4920*. Pick the 1200 HD and you save $2483.

Or compare color graphics systems. A 1200 HD with CM-2 color display and color graphics adapter is $2757.95. The comparable PC XT system is priced at $5319*. Pick the 1200 HD and save $2561.05.

This is great news for the first time user, plus it's important for offices already using one or more IBM PC's. Why? Because now you can expand affordably and continue using virtually all of the same quality software and expansion boards you've been using on your PC.

The Tandy 1200 HD Has the Features You Demand

The Tandy 1200 HD comes standard with 256K RAM, expandable to a total of 640K. A standard parallel interface—an extra-priced option on the IBM—is included. And the 1200 HD is compatible with additional boards made for the IBM PC, and available from leading vendors.

The 1200 HD features a 360K 5¼" double-sided, double-density floppy drive, plus an internal 5¼" 10-megabyte hard disk drive. The 84-key detachable keyboard with tilt legs has the same layout as an XT, with improved placement of the shift keys.

The Best Choice in Software

Many popular MS-DOS packages are available off-the-shelf, as well as other software for the IBM PC. The 1200 HD has been certified by Lotus Development Corp. to run 1-2-3 and Symphony. Independent testing by Future Computing Inc. found the 1200 HD to be "operationally compatible with the IBM personal computer".

Tandy 1200 HD . . . Clearly Superior

With the Tandy 1200 HD, you get the same performance, same expandability and the same features as the IBM PC XT. But you get it for a lot less.

Tandy 1200 HD. Requires MS-DOS/ Microsoft BASIC (below). U.L. listed. 25-3000 . . . . 1999.00

Monitors, MS-DOS and BASIC

VM-3 High-Resolution Monochrome Monitor. 80 × 25 display for easy viewing of text. Features 12" green phosphor, non-glare screen. 25-3010 . . . . 219.00

New Low Price! CM-2 High-Resolution Color Monitor. Was $549.95 in Catalog RSC-14. 26-3212 . . . . 459.95

MS-DOS (2.11)/Microsoft BASIC (2.0). Includes diskettes and user's manuals for MS-DOS and BASIC. 25-3130 . . . . 89.95

*Based on manufacturer's pricing as of March, 1985.

NEW LOW PRICES! TANDY 2000

Get the Performance of an IBM® PC AT for Less!

2-Disk Tandy 2000

1599⁰⁰

Was $2499.00 in Cat. RSC-14

Commercial Lease Available
For Only $55 Per Month
(Plus Applicable Use/Sales Tax)

Hard Disk Tandy 2000 HD

2499⁰⁰

Was $3950.00 in Cat. RSC-14

Commercial Lease Available
For Only $90 Per Month
(Plus Applicable Use/Sales Tax)

Monitor and graphics options
not included.

- An Ultra-High Performance MS-DOS System
- Dramatic Speed and Increased Storage Capacity Let You Perform Bigger Tasks in Less Time
- User-Expandable to Easily Meet Your Future Needs
- Choose From the Hottest Names in Software

The Cost/Performance Leader

There's only one way to cut through today's computer confusion, and that's to compare other personal computers with the Tandy 2000. Like the IBM PC AT, the Tandy 2000 performs two to three times faster than the IBM PC.* Each Tandy 2000 disk drive offers over twice the storage of an IBM PC drive, but still reads and writes their format. Our color graphics are twice the resolution of COMPAQ or IBM, and offer twice as many colors. And all four of our user-accessible card slots are available for future growth. The Tandy 2000 represents the state of the art in performance, quality and price breakthrough.

Large Library of Proven Software

The industry standard MS-DOS operating system lets us bring you the most popular and sophisticated programs on today's market. Programs like Lotus 1-2-3, dBASE II, Microsoft-Multiplan, PFS:File, MultiMate, SuperCalc³ and many more. You can even exchange data between the Tandy 2000 and an IBM PC, using PC Maker™ (included at no charge). With the PC Maker, you can create a disk that you can load and read on an IBM PC. You can also read PC disks on the Tandy 2000.

Extremely High Speed

A "next generation" true 16-bit CPU makes the Tandy 2000 dramatically faster than other MS-DOS computers. That means Tandy 2000 software runs faster, so you get the job done quicker.

Advanced Color Graphics

The Tandy 2000's high-resolution graphics let you create razor-sharp charts, graphs and diagrams in a brilliant array of colors. And by adding our computer-aided design (CAD) software and graphics peripherals (see page 10), the Tandy 2000 offers minicomputer performance at an exceptional low price.

Vast Storage Capacity

The Tandy 2000's two floppy disk drives let you store more documents and crunch through bigger tasks with ease. For even greater storage, the Tandy 2000 HD features a built-in 10-million-character hard disk drive.

Flexible, Ergonomic Design

The Tandy 2000 easily adapts to you and your environment. In fact, you can actually "fine-tune" the modular system to your personal needs. Using our space-saving options, you have the smallest possible desk "footprint"—only 8½ x 12¼". And the low-profile, 90-key keyboard with 12 function keys and a 10-key numeric datapad assures fast, comfortable typing.

Easy Expansion Capabilities

Add additional memory, stunning high-resolution monochrome and color graphics, our Digi-Mouse™ and more. And you can install most of these options yourself.

Compare the Tandy 2000 to the IBM PC and PC-AT

Feature	Tandy® 2000	IBM® PC	IBM® PC-AT
Microprocessor	80186	8088	80286
Clock Speed	8 Mhz	4.7 Mhz	6 Mhz
RAM Standard/Maximum	256/768K	256/640K	256/3 MEG
# Drives/Capacity	2/720K	1/360K	1/1.2 MEG
Monitor Support Included?	Mono	Option	Option
Printer Adapter	Included	Option	Option
Optional Graphics	640 x 400	640 x 200	640 x 350
RS-232 Adapter	Included	Option	Option
Price—CPU only (Mfgr.'s list as of 7/1/85)	$1599	$1995	$3995

Tandy . . . Clearly Superior™

At $4995†, a PC AT is $2400 more than a 2-disk, 256K Tandy 2000. In fact, you can get a complete Tandy 2000 system with color monitor and graphics for just $2757.90—still over $1000 less than an AT without a monitor! Putting it simply, the Tandy 2000 delivers extraordinary quality performance at a remarkably low price. U.L. listed.

256K 2-Disk Tandy 2000. 26-5103 . . . . 1599.00
256K 1-Disk Tandy 2000 With 10-Megabyte Hard Disk.
26-5104 . . . . 2499.00

†Comparable IBM PC AT single-user configuration with 2 disk drives, RS-232 and Monitor/Printer Support.

8

TANDY 2000 EXPANSION OPTIONS

New! 8087 Math Co-Processor Option

Upgrades your Tandy 2000 with additional circuitry to perform graphics-intensive tasks. Increases speed as much as 50%. Programs must be specifically written (such as VersaCAD and C compiler) to take advantage of this option. Installation required (not included). 26-5143 (Avail. 11/30/85) 499.95

New! 3270 Coaxial Adapter

Allows the Tandy 2000 to connect to any host system through an IBM 3270 control unit that supports IBM 3278 or 3279 display stations. Includes adapter board and software.
26-5266 (Avail. 10/30/85) 1295.00

New Low Price! 128K RAM Module

Expands your 128K Tandy 2000 to 256K of memory, but does not use a card slot. Installation required (not included). Was $299.00 in Cat. RSC-14. 26-5160 . . . . 179.95

New Low Price! Memory Expansion Board

Contains 128K of memory. Our 128K RAM Upgrade (#26-5162, below) expands this board to 256K. Two boards can be added. User installable. Was $399.95 in Cat. RSC-14.
26-5161 . . . . 219.95

New Low Price! 128K RAM Upgrade

Installs on Memory Expansion Board (#26-5161, above). User installable; however, installation by our technicians is recommended. Was $149.95 in Cat. RSC-14. 26-5162 . . . . 129.95

New Low Price! 10-Megabyte Hard Disk Kit

Requires installation (not included). Was $1699.00 in Cat. RSC-14.
26-5125 . . . . 1299.00

Tandy 2000 Serial Expansion Board

Connect your Tandy 2000 to a mainframe computer, or hook terminals or additional serial devices to the Tandy 2000. Includes four serial channels with connectors. 26-5164 . . . . 325.00

Choose Your Display Monitor

We offer two display monitors for Tandy 2000 to suit your needs. Both the VM-1 High-Resolution Monochrome Monitor, shown, and the CM-1 High-Resolution Color Monitor tilt 5 or 10 degrees so you can find your best viewing angle, and each features an 80 × 25 display for easy viewing. The VM-1 has a 12″ green phosphor, non-glare screen and can display optional graphics. The 14″ CM-1 gives you vivid 8-color graphics with the Monochrome/Color Graphics options.
VM-1 Monochrome Monitor. Pedestal extra. 26-5111 . . . 199.95
New Low Price! CM-1 Color Monitor. Requires #26-5140 and #26-5141 graphics options. Was $649.00 in Cat. RSC-14.
26-5112 . . . . 599.00

New Low Price! High-Resolution Monochrome Graphics

Produce detailed business graphs, tables, charts and more on either the VM-1 Monochrome or CM-1 Color Monitor. 256,000 picture elements (640 × 400) produce amazing detail. User installable. Was $359.00 in Cat. RSC-14. 26-5140 . . . . 299.95

New Low Price! High-Resolution Color Graphics Chip Kit

Create spectacular 640 × 400 color graphics on the CM-1 monitor. Displays 8 of 16 colors. Requires Monochrome Graphics Option. Does not use a card slot. User installable; however, installation by our technicians is recommended. Was $149.95 in Cat. RSC-14.
26-5141 . . . . 124.95

Space-Saving Options

Tandy 2000 is more than just attractive, it's a milestone in ergonomic design. Choose the Floor Stand to position the CPU beside or under your desk to increase usable space. The compact Monitor Pedestal for your VM-1 monitor tilts and swivels for optimum viewing angle. The monitor and keyboard can be used up to 8 feet away from the computer. Using both the pedestal and floor stand, with the keyboard in your lap, you have the smallest possible "footprint"—just $8^1/2 × 12^1/4″$. And in the standard desktop configuration, the keyboard slides under the computer to minimize storage space.
Monitor Pedestal. 26-5115 . . . . 89.95
Floor Stand. 26-5116 . . . . 145.00

Digi-Mouse Two-Button Mouse

Plugs in for easy cursor movement in programs like Microsoft Word, DR Graph, DR Draw, and others. Requires #26-5144 (below).
26-1197 . . . . 99.95

New Low Price! Digi-Mouse/Clock Controller

Dual-purpose board includes controller for Digi-Mouse and perpetual time/date clock so that you don't have to re-input time and date into your applications programs. Includes demo program and documentation on how to use the Digi-Mouse in your programs. Battery back-up. User installable. Was $119.95 in Cat. RSC-14.
26-5144 . . . . 99.95

You can slide expansion boards easily into slots in the back of the computer (as shown above).

SPECIFICATIONS. **Microprocessor:** Intel 80186 processor with 16-bit data path. Clock speed, 8 MHz. Object code compatible with 8086/8088. Two direct memory access channels. Three programmable timers. **Operating System:** Includes Microsoft's advanced MS-DOS 2.11 with BASIC **Memory:** 256K RAM with parity, expandable to 768K. Includes power-up diagnostics. Sound included. **Keyboard:** 90-key sculptured, including numeric entry keypad. Special keys include HOLD, ESCape, BREAK, CTRL, CAPS, INSERT, DELETE, HOME, Up, Down, Right and Left arrows. Twelve programmable Special Function keys. Retractable legs, 6 ft. coil cable and tactile keyclick. **Video Display:** Optional high-resolution, non-glare, non-interlaced 12″ monochrome (green) or 14″ color monitor. 80 or 40 characters per line by 25 lines. User-definable character set. Reverse video, underline, blank, blink, double-wide/double-high. Smooth scrolling and split screen. Optional high-resolution monochrome and color graphics (displaying 8 colors selected from 16—white, yellow, cyan, green, magenta, red, blue, black. Full and half-intensity). **Disk Drives:** Two built-in double-sided, double-density, thin-line 5¼″ mini-floppies, with 720K per drive (formatted). 96 tracks per inch. Tandy 2000 HD has one 720K mini-floppy and one 10-megabyte hard disk drive. **Internal Expansion:** Four available user-accessible plug-in card slots. **External Connections:** Standard parallel port, RS-232C serial communications port, monochrome monitor, AC outlet. **Dimensions:** 8½ × 12¼″ footprint (pedestal base) when using floor stand and pedestal, keyboard in lap. 18¾ × 21¼″ with monitor on CPU and keyboard under CPU. Keyboard 6¼″ × 7¾″. **Weight:** 41 lbs. **Power Requirement:** 120VAC, 60 Hz. U.L. listed.

9

ADVANCED GRAPHICS FOR TANDY 2000

Tandy 2000—The Right Computer for the Graphics Professional

The Tandy 2000 gives the right performance at the right price when you need to create free-hand drawings, do layouts, prepare blueprints, or simply make graphs or charts for your business. The Tandy 2000 uses an 80186 microprocessor, which runs approximately three times faster than the 8088 microprocessor used by the IBM PC and most PC compatibles. In other words, you can complete your drawings three times faster on the Tandy 2000 than you can on most other micros. Even the superior resolution provides for faster drawings on the Tandy 2000. With the 640 × 400 resolution, you can spend less time zooming in on your drawings and waiting for your screen to be redrawn. The higher resolution also makes your drawings more attractive and easier to work with. Because computerized drawings are data intensive, the larger capacity of the Tandy 2000 floppy diskettes allows you to store larger drawings and use the more sophisticated graphics applications on a low-cost Tandy 2000 floppy-based computer.

Prepare Dramatic Visual Aids with DR Draw

295.00 Low As $20 Per Month on CitiLine ★

Create Diagrams, Organization Charts, Logos and More with Ease

DR Draw. This interactive picture editor will produce amazing presentation-quality charts and diagrams used in written reports and other office communications. To build a picture, select geometric or text elements from the available options, using the optional DIGI-Mouse to place elements in the desired location. Picture elements include lines, marker characters, arcs, pie segments, filled rectangles and polygons, and circles. Once created, any element can be moved, copied, scaled or deleted. Zoom in to work on a specific section, zoom back to view the whole picture, or pan to a different section of the diagram.
25-5279 . . . . 295.00

Powerful VersaCAD Computer-Aided Drafting

NEW FOR '86 **399⁹⁵**

Low As $20 Per Month on CitiLine ★
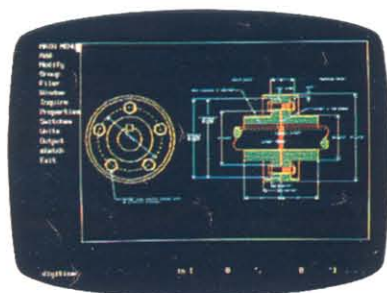
Create Complex, Professional-Quality Drawings with Incredible Ease

VersaCAD-Entry Level for Tandy 2000/1200 HD/1000 HD*. An affordable way for engineers, architects, designers and planners to create sophisticated mechanical, technical and organizational drawings. VersaCAD-Entry Level is a menu-based, interactive system with many special features and user-friendly commands. Use Versa-CAD with the GT-2000 Graphics Tablet (right) to select and move basic building blocks to set up your design. An easy-to-follow system of menus guides you through VersaCAD's operations. Plus, there's an instant HELP command that explains every option. VersaCAD uses "real-world" coordinates that you define in any size you choose. There's even a "snap-grid" function that automatically sets accurate grid alignments. Editing is easy—simply move objects around the screen, change the size, duplicate and repeat objects and more. The parts of your drawing can be arranged on different levels (as in overlays) in different colors, or grouped in categories of types. A WINDOW function lets you "zoom in" on details, or pull back to get the big picture. Print your completed design on a plotter or on our DMP-2100P (26-1274). Requires GT-2000 Tablet.
26-5282 . . . . 399.95

Lumena Graphics Design System

NEW FOR '86 **299⁹⁵**

Low As $20 Per Month on CitiLine ★

An Advanced Creative Tool for Graphics Artists and Professionals

Lumena. Get a spectacular professional-quality graphics design system for a price you won't believe. Lumena is an amazingly versatile tool for artists, designers and illustrators to produce complex images with ease. Free-hand drawing with our GT-2000 Graphics Tablet (below) is as easy as using a pencil on paper. Lumena is easy to use, with a simple menu-driven design. Just touch the correct portion of the digital tablet with the digitizer to select colors, shapes, letters, fonts, or to draw free-hand. It's simple to position images anywhere on the screen. Your images can be duplicated, moved, changed in size, rotated and more at the touch of the pen. Letters and blocks can be filled with solid, banded or graduated colors. And what colors! Lumena combines the two intensities of Tandy 2000's eight basic colors into 28 additional "dithers", or blends. Since all copying, rescaling, rotating and changing colors are done directly from the tablet, there's no interruption of creative flow. You're limited only by your imagination. Lumena also provides cycling and animation functions for really impressive graphics. Requires 256K (384K for cycling and animation) and GT-2000 or Digi-Mouse.
26-5281 . . . . 199.95

Graphics Tablet

NEW FOR '86 **599⁹⁵**

Low As $27 Per Month on CitiLine ★

GT-2000 Graphics Tablet. Provides easy graphics input and manipulation. Ideal for use with our advanced graphics software, the GT-2000 "draws" at up to 200 pixels per inch, and allows control of menu functions.
26-1186 . . . . 599.95

Two-Button DIGI-Mouse

99⁹⁵

Low As $20 Per Month on CitiLine ★

DIGI-Mouse. Plugs in for easy cursor movement in graphics programs, as well as other applications. Requires 26-5144, below. 26-1197 . . . . 99.95
New Low Price! DIGI-Mouse/Clock Controller Board. User installable. Was $119.95 in Cat. RSC-14. 26-5144 . . . 99.95

POPULAR TANDY 2000 SOFTWARE

Symphony—The All-In-One Package

695.00
Low As $32 Per Month on CitiLine ★

The All-In-One Business Software System for Managers and Professionals

Symphony. Save time and effort with this integrated software package. Combines word processing, spreadsheet, communications, data base management, graphics and more. Symphony lets you call up information from your files, a subscription data base service, other personal computers or a mainframe, directly onto your worksheet. Then use the data to perform "what if . . . ?" calculations. You may then draw a graph of the results. Symphony is easy to learn, since it uses simple plain-English commands. And you can even add new Symphony capabilities. On-screen "Help" and tutorial guide. Requires 512K.
26-5304 . . . . 695.00

SuperCalc³ Integrated Spreadsheet Analysis

395.00
Low As $20 Per Month on CitiLine ★
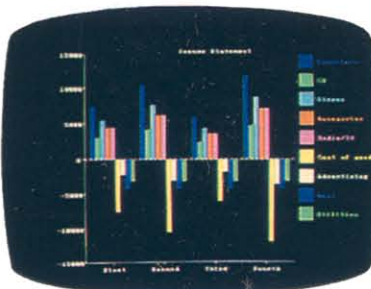
Integrated Graphics and Data Base Management

SuperCalc³. Ideal for professionals and managers, this full-featured program combines an advanced electronic spreadsheet with high-resolution integrated graphics and data management. Create line, bar and stacked bar graphs, pie and exploded pie charts, and even X-Y Hi-Lo and area graphs using single-keystroke commands. Spreadsheet gives you 63 columns and 254 rows, along with calendar and date calculation, and multiple storing options. Command sequences called "macros" simplify often-used operations. SuperCalc³'s powerful data base management module is based on the spreadsheet model.
26-5302 . . . . 395.00

Framework "Idea Processor"

695.00
Low As $32 Per Month on CitiLine ★
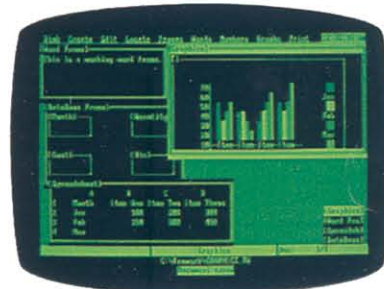
Word Processing, Spreadsheet, Data Base, Communications and Graphics

Framework. Each operation is placed in a "frame" that separates it from the rest of the program. Each frame is automatically placed in an outline form, which you can modify or arrange at any time. You can jot down notes or ideas in one frame, then create sub-frames which contain data bases, spreadsheets, graphics and reports which relate to those ideas. "Desktop" format lets you view several operations at once on the screen. A special "zoom" function lets you instantly expand any frame to fill the entire screen. Also features access to DOS and advanced printing features. There's also FRED, a unique built-in language that lets you develop custom applications. Requires 256K (384K for communications).

Tandy 2000. 26-5320 . . . . 695.00
Tandy 1200 HD. 25-3160 . . . . 695.00

OFFIX Personal Office System

99.95
Low As $20 Per Month on CitiLine ★
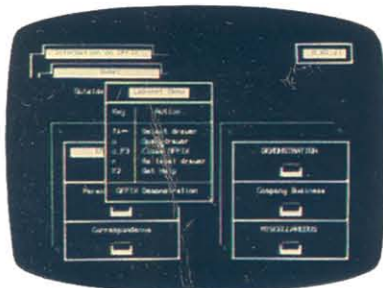
Easy-to-Use Data Manager Mirrors the Familiar Office Environment

OFFIX. Simulates file cabinets that are used to store folders containing information. Simple commands let you create file folders that can be stored and retrieved from file cabinet drawers, create documents and forms that can be taken out or put into folders, and produce reports and form letters based on the contents of a folder. You can design your own OFFIX forms to look like the forms you use. For Tandy 1000/1200 HD/2000.
26-5325 . . . . 99.95

See the Tandy 2000's Graphics Advantage

195.00
Low As $20 Per Month on CitiLine ★
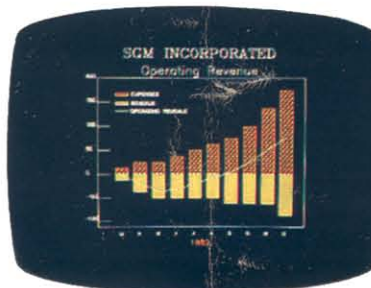
Uses Optional DIGI-Mouse for Creating Fast, Easy Graphics

DR Graph. Add impact to your presentations! Displays line, bar, step, stick, scatter, pie and text-only charts. Print your graphs on paper or transparencies using a wide variety of printers. Simple screen instructions guide you through every stage of graph design without extensive training. You choose labels, titles, legends, colors, type styles and borders. Get professional-quality graphics for less!

Tandy 2000. 26-5278 . . . . 195.00
Tandy 1000. 25-1151 . . . . 195.00

Graphwriter Creates Superior Presentations

595.00
Low As $27 Per Month on CitiLine ★

Produce Professional Bar Graphs . . .
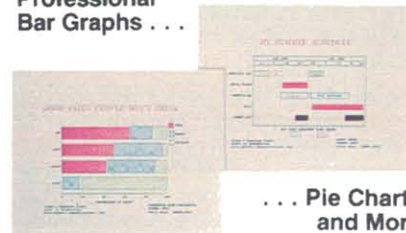
. . . Pie Charts and More

Graphwriter. Create sophisticated presentation-quality graphics that look the way you want them to. Graphwriter combination set includes 24 format programs capable of producing more than 40 graphics formats. Multiple line headings, footnotes and comments are easy to insert. Plot options include vertical, horizontal, half page and custom sized.
26-5276 . . . . 595.00

TANDY 2000 ACCOUNTING SOFTWARE

Streamline Your Bookkeeping with the MAI Basic Four · Interactive Accounting Series

Fully Integrated Modules— You Only Enter Data Once

[Diagram: GENERAL LEDGER connecting to PAYROLL, ACCOUNTS RECEIVABLE, INVENTORY CONTROL, ACCOUNTS PAYABLE]
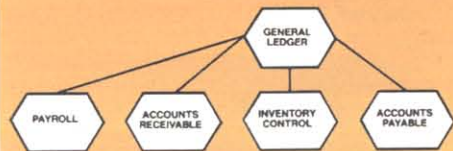
Minicomputer Software for the Tandy 2000

MAI/Basic Four accounting software is what today's small business has been looking for, and what small business will grow to depend on. MAI/Basic Four's power and flexibility can add efficiency to every facet of your accounting procedures.

MAI/Basic Four is minicomputer software brought for the first time to the micro level. It has been proven in thousands of successful applications worldwide.

All modules are fully integrated, so that data is entered only once. The software is parameter driven, allowing you to tailor the system to meet your needs simply by answering specific parameter questions at the keyboard.

MAI/Basic Four software gives you documentation that is clear, concise and written in benefit language. It's truly the end of your search for dependable business software.

General Ledger

Provides the information you need to understand your company's financial health. Conforms to established accounting principles and maintains a complete audit trail to ensure data integrity. Provides for income tax liability posting, automatically posts recurring journal entries and more. You can distribute expenses to different departments in the company automatically. Prints trial balance, income statements and balance sheets complete with comparisons with prior year activity and budgets. Special transaction codes let you link it to other MAI/Basic Four accounting modules.
26-5210 . . . . 495.00

Accounts Receivable

Helps measure sales performance, increase collections and lower total accounts receivable. Alerts you to how much and when your customers owe you. Provides for cash or accrual basis, ages accounts to 120 days, maintains balance forward or detailed invoice accounts. Automatically pays the oldest invoice for a customer, or lets you identify the specific invoice paid. Records cash received with multiple deposits on the same day and automatically calculates late charges and sales tax. Statements are printed at the end of a period or on demand. You may enter after-the-fact sales transactions or print invoices. Reports include detailed sales journal, mailing labels, aged open invoice and more. 26-5213 . . . . 495.00

Inventory Control

Tracks inventory by item number. Information on each item includes quantity on hand, reorder point, issue and receipt dates, unit price and cost. Choose LIFO, FIFO or average cost as costing method.
26-5214 . . . . 495.00

Payroll

Lets you enter, maintain and inquire into an employee's personnel record. Enter earnings, calculate taxes, collect voluntary deductions and produce payroll checks and supporting governmental and management reports. Prints checks, W-2 forms, payroll distribution report, monthly worker's compensation report, quarterly tax report and more.
26-5218 (Avail. 11/30/85) 495.00

Accounts Payable

Tracks payment dates to take advantage of discounts, allows posting to one-time vendors and forecasts cash requirements. Provides cash requirements analysis, aged invoice reports and full audit trails. Works on cash or accrual basis. Prints bank reconciliation, checks, disbursement register, mailing labels and more.
26-5212 . . . . 495.00

Add-On Modules Available

Additional interactive software packages are available through our exclusive Express Order Software service. Orders are transmitted electronically for fastest service. See next page for full details.

More Exciting and Useful Programs for Your Tandy 2000

The Home Accountant Plus. This program's ease of use, power and versatility have made it the number one best-selling home finance package in the country. You can print a net worth statement on request—so you know your exact financial standing, every day of the year. It will even print your checks, automatically. The Home Accountant also lets you label every transaction you make. When tax time comes around, you'll have every penny you've spent and earned neatly listed by category, and available at the touch of a button. Also displays a bar graph and trend analysis for any selected budget category.
26-5340 . . . . 124.95

Videotex Plus. A powerful and sophisticated communications package that lets you communicate with any computer information service, such as CompuServe and Dow Jones New/Retrieval. There's even an option that lets you use the auto-dial feature found on many telephone modems, including our Direct-Connect Modem II (26-1173) and the high-speed DC-2212 Modem (26-1176). Videotex Plus also includes on-screen editing for tailoring the auto log-on sequence to your particular needs. You can save information to disk for later viewing, editing or transmission. Requires telephone modem. Includes one free hour on CompuServe and Dow Jones.
26-5260 . . . . 49.95

MultiMate Word Processing. Actually duplicates the features of dedicated word processors. It's packed with over 100 features and functions, most of which can be accessed with just one or two keystrokes. You can edit one document while printing others and create form letters and mailing lists. You can even create documents from the ASCII files of another program. Will include 70,000-word verifier/corrector from Houghton-Mifflin (9/30/85). Extremely user-friendly—even features on-screen help. Performs addition and subtraction on numerical data contained within your text. Includes a superb manual with training lessons to get you started in a hurry.
26-5330 . . . . 249.95

Entertaining Game Programs

Also for use with the Tandy 1000, Tandy 1200 HD and PC Compatibles

New Low Price! The Witness. You must solve the crime in this hard-boiled Thirties whodunit thriller. Was $49.95 in RSC-14.
26-5376 . . . . 39.95

New Low Price! Planetfall. A sci-fi adventure set on a deserted planet. Together with a mischevious robot, you will unravel its mysteries. Was $49.95 in RSC-14.
26-5377 . . . . 39.95

Other Games. Microsoft Flight Simulator, Millionaire and Cutthroats are also available for the Tandy 2000—see page 16.

SCRIPSIT® 2000. Advanced control-key operation makes SCRIPSIT 2000 one of the most user-friendly and powerful word processors on the MS-DOS market. It actually gives you the features of a dedicated word processor. Control-key functions can be displayed on the screen for quick and easy reference. And the built-in spelling corrector and verifier from Houghton-Mifflin not only finds misspellings, but corrects them automatically. Allows merging with dBase II files. And of course you get the features you've come to expect with the name SCRIPSIT: global search function, easy editing features, on-screen format references and more. Extremely easy to learn and use.
26-5332 (Avail. 9/30/85) 299.95

Tandy 2000 Reference Manuals

These two comprehensive volumes are indispensable for the serious Tandy 2000 programmer.

Tandy 2000 Programmer's Reference Manual. Information for assembly language programmers, including entry conditions for MS-DOS.
26-5403 . . . . 19.95

Tandy 2000 Hardware Reference Manual. Schematics and theory of operation for trouble-shooting, designing interfaces, more. 26-5404 . . . . 24.95

TANDY 1000/1200 HD/2000 SOFTWARE
Advanced Word Processing Programs

SCRIPSIT® for the Tandy 1000

299⁹⁵ Low As $20 Per Month on CitiLine ★

SCRIPSIT. Give your Tandy 1000 or 2000 the features of a dedicated word processor with SCRIPSIT. Lets you prepare memos, letters, reports and manuscripts right on the screen, in a full 80-character by 24-line format. Multiple edit features let you delete, insert and move blocks of text easily. Includes reverse video to aid in editing. Then print as many correction-free originals as you want with an optional printer. Includes all the standard features that have made SCRIPSIT one of the most popular word processing programs available. Includes a "global search" function to find words or phrases to replace or delete. Also features reformatting, hyphenation, centering, headers, footers, justification and more. With comprehensive training manual and quick-reference card.
Tandy 1000. Requires 256K and hard disk.
25-1155 (Available 11/30/85) 299.95
Tandy 2000. Requires 256K.
26-5332 (Available 9/30/85) 299.95

Amazing Microsoft Word for the Tandy 2000 or 1000

375⁰⁰ Low As $20 Per Month on CitiLine ★

- Edit Using the Optional Digi-Mouse™
- Displays Up to 8 Windows at Once

Microsoft Word. A deluxe word processing system for your Tandy 2000/1000. Add our optional Digi-Mouse and move text and select commands without even using the keyboard! Word displays up to eight windows at once, so you can move text from one document to the other with ease. Text is displayed in boldface, italics, underlines, super and subscripts, small caps—all without any confusing symbols. More information on the various commands are displayed by pressing a single "help" key. Use with our color monitor and enjoy color-coded text. Requires 256K.
Tandy 2000. Requires graphics board.
26-5314 . . . . 375.00
Tandy 1000.
25-1153 . . . . 375.00

WordStar Professional for the Tandy 1200 HD

395⁰⁰ Low As $20 Per Month on CitiLine ★

Get a Complete, Professional Word Processing System with Advanced Features No Other Program Offers

WordStar. An amazing value in professional-quality word processing! You can write, edit, re-arrange, repeat, insert, delete, proofread—all you need to produce professional-looking work. And WordStar has special features most other systems don't. CorrectStar feature finds mistakes and offers alternatives, simply and quickly, using both letter and phonetic analysis. MailMerge lets you address labels and produce personalized mailings, merging data from the keyboard, as well as from different files. And StarIndex lets you create a reference table for your documents with up to four levels of subcategories.
25-3170 . . . . 395.00

Powerful Tandy 1000/1200/2000 Programming Languages

COBOL Compiler. Includes an editor, interactive debugger, CRT control and a single pass compiler. Tandy COBOL Compiler is the popular RM/COBOL and programs developed under this system can run on any other RM/COBOL system.
26-5257 . . . . 595.00

Pascal Compiler. From Microsoft. Compatible with the ISO proposed standard. Generates machine code for faster run times. Extensions facilitate systems and applications programming.
26-5256 . . . . 299.95

FORTRAN Compiler. From Microsoft. A subset of FORTRAN-77 for scientific and engineering applications. Includes metacommands to enhance structuring source code, setting source formats and more.
26-5255 . . . . 349.95

C Compiler. Lattice C compiler is a fast, two-phase compiler that allows quick iteration of the program development process. Generates high-quality, efficient codes. Includes "C-food Smorgasboard" of useful programming routines.
26-5254 . . . . 499.00

Macro Assembler. From Microsoft. Assembles symbolic instructions into machine code. Supports an expanded set of conditional directives. Includes capability for nesting 255 levels of conditional assembly blocks. 26-5252 . . . . 99.95

BASIC Compiler. Translates the statements in your BASIC programs into assembly language for faster run times. You can distribute programs without source code to safeguard the design of programs. For Tandy 2000 only.
26-5251 . . . . 299.95

TANDY 1000 BUSINESS SOFTWARE

Quartet™ Integrated Accounting— Four Programs in One

399⁹⁵

Low As $20 Per Month on CitiLine ★

- **The Only Accounting Package a Small Business May Need**
- **Handles General Ledger, Accounts Receivable, Accounts Payable and Payroll**
- **Data Is Entered Just Once**
- **Easy for Non-Accountants to Use**
- **Present Records Can Be Converted to Quartet Simply**

Quartet*. A Tandy exclusive! Quartet includes four integrated accounting programs to give you the most up-to-date information on your company's financial health. Track your business records with programs for General Ledger, Accounts Receivable, Accounts Payable and Payroll. Quartet was designed for ease of use, fast data entry and on-line updating of ledger accounts. Features a convenient search function and automatic look-up of records. Quartet provides easy access to invoices, bills, paychecks, expense checks and ledger transactions and can create user-defined reports for customers, vendors, employees and items. Entries are made only once. All related data is automatically updated to the General Ledger. Since all Quartet functions are integrated, there is no constant disk swapping as on many systems. Best of all, easy-to-read formatted screens look just like the invoices, check registers and payroll accounts you're already using. So it's incredibly simple to convert your present records to Quartet. With a printer, Quartet can be used to print user-formatted financial statements with or without comparisons to previous years. Also prints invoices, monthly statements, payroll checks and expense checks. Includes well-defined audit trail and a highlighting marker that lets you detail portions of the display screen. Uniformity of functions throughout the program makes Quartet especially easy to learn. And it even comes with sample data to help you get started quickly. Supports the Tandy 1000, Tandy 2000 and the Tandy 1200 HD, IBM PC, as well as most PC compatibles.
25-1146 (Avail. 9/30/85) 399.95

Popular Lotus 1-2-3 Integrated Software

495⁰⁰

Low As $23 Per Month on CitiLine ★

- **One of the Most Widely Used Integrated Software Packages**
- **Tandy 2000 Performs Computations Over Three Times Faster Than the IBM PC**

Lotus 1-2-3. An easy way to go from spreadsheet to graphics to information management—instantly! You can change your spreadsheet data directly and then graph it in less than a second. Take data from your spreadsheet and search and sort it. Special "macro" keys let you substitute a single keystroke for a long sequence. If help is needed, just one keystroke brings you on-screen instructions. Lotus provides you with 256 columns and 2048 rows. Set them up just the way you want. Enter formulas in plain English, instead of obscure symbols. Sophisticated graphing commands help you create detailed bar charts, stacked barcharts, line or symbol graphs, XY graphs or pie charts. Your database can store up to 2000 records and sort with primary and secondary keys. Requires 256K.

Tandy 1000. 25-1145 . . . . 495.00
Tandy 2000. 26-5300 . . . . 495.00

Function	IBM PC	Tandy 2000	Tandy 1000
Spreadsheet recalculation of 3 columns × 200 rows	9.5 seconds	3 seconds	9.6 seconds
Data base sorting of 172 records with four fields using a primary and a secondary key	5 seconds	2 seconds	5 seconds

New! Cornerstone

495⁰⁰

Low As $23 Per Month on CitiLine ★

- **Ideal for Non-Programmers**
- **Easy to Modify as Your Needs Change**
- **Tutorial Manual Included**

Cornerstone*. A sophisticated database management program designed specifically for the non-programmer. Cornerstone has everything you need to start using it productively the very first day. A beginner's guide and on-screen tutorial (written in plain English and using familiar concepts) teach you the basics of building and using a database. A customized keyboard template clearly labels what each function key does. Unique "help" and "options" keys provide immediate assistance. Just press the HELP key and Cornerstone tells you—in plain English—where you are, what you can do and where you can go from there. If there's any doubt about what to type next, you simply press the OPTIONS key. It shows you all of your possible choices. An "interactive report writer" lets you search out specific data according to any criteria, create new report formats in seconds, easily arrange information on the screen until you have it the way you want it, and print an exact report. Best of all, current pfs:file and dBase II files can be converted to Cornerstone. It's compatible with 1-2-3, WordStar, MailMerge and other word processing and spreadsheet programs, too. Requires 256K memory (512K recommended), two floppy drives or hard disk.
26-5354 . . . . 495.00

Friday! Electronic Filing System

299⁹⁵

Low As $20 Per Month on CitiLine ★

- **Turn Your Paper Files into An Efficient Data Base System**
- **Anyone in Your Office Can Learn to Use Friday! Quickly**

Friday!* Great for invoices, inventories, paychecks, sales and commissions records, quick summaries, custom reports with special headings, form letters, mailing labels and much more. Use the information handling capabilities in Friday! to find frequent customers, leading sales people or other important facts. And Friday! is easy to use. Enter data files using the standard format in Friday!, or create your own personalized format. If you need a special report, Friday! can help you position titles, headings and information easily. Then Friday! lists all the information you're looking for, and computes subtotals, totals, commissions and more if you ask it to. Friday! even works with other computer programs: Friday! files can be used by WordStar and Lotus 1-2-3. 25-1149 . . . . 299.95

dBASE II Data Base Manager

495⁰⁰

Low As $23 Per Month on CitiLine ★

- **Custom Design Your Own Information System**
- **Full-Screen Editing Capability**
- **Do Multiplication, Division, Subtotals and Totals**

dBase II*. An extremely powerful relational data base management tool that permits easy manipulation of data bases using English-like commands. You can quickly create a full business information system that will grow with you. Set up a screen format to see exactly what you're going to get. Simply enter your data by filling in blanks. You can continue to use your existing check, invoices and other forms, because dBASE II adapts to your way of doing business. You can easily add, delete, edit, display and print your information. And you can change the file format at any time without re-entering data. Provides a maximum of 65,535 records per data base file and 1000 characters per record. Requires 256K.
26-5352 . . . . 495.00

TANDY 1000/1200 HD/2000 PROGRAMS

Flexible, Easy-to-Use pfs:series

pfs:

- Use Them Separately or Together
- Learning One Makes It Easy to Learn All the Others
- Available for the Tandy 1000, 1200 HD and 2000

Choose from this family of software for extremely user-friendly programs. Programs interact with each other so you only need to enter data once.

pfs:file. A very simple way to create and organize your own business or personal filing system. You decide how your records are to appear by simply organizing information in "forms" that you design right on the display screen. Store, retrieve and review information in a fraction of the time it would take with a conventional filing system. Once you've created the basic form, it's easy to store information—you just fill in the blanks. Enter data in any order that you like—retrieval is not limited by the order in which the information is stored.

Tandy 1000. 25-1140	140.00
Tandy 1200 HD and PC Compatibles. 25-3161	140.00
Tandy 2000. 26-5305	140.00

pfs:report. A powerful analysis tool that creates presentation-quality tabular reports from sales, inventory and other data stored in pfs:file. Sort from any data category and calculate averages, totals, subtotals and more. Prints in alphabetical or numerical order with automatic centering and justification.

Tandy 1000. 25-1141	125.00
Tandy 1200 HD and PC Compatibles. 25-3162	125.00
Tandy 2000. 26-5306	125.00

pfs:plan. Lets you organize a spreadsheet for planning, tracking, analyzing and reporting numerical data. You can even print a copy of your worksheet in a document produced with pfs:write. In addition, pfs:plan can read data directly from pfs:file, and place that data in the correct locations in your worksheets.

Tandy 1000. 25-1144	140.00
Tandy 1200 HD and PC Compatibles. 25-3164	140.00

pfs:write. Easily create reports, letters and memos with advanced editing features and page headings and footers, centered text, right or left justification and more. The monitor displays boldface and underlined text. Best of all, pfs:write can use information stored in pfs:file to personalize form letters and even address the envelopes. Documents can be illustrated with charts created by pfs:graph or tables from pfs:report.

Tandy 1000. 25-1142	140.00
Tandy 1200 HD and PC Compatibles. 25-3163	140.00
Tandy 2000. 26-5309	140.00

pfs:graph. An easy way to turn complex numerical data into easy-to-read graphs. Accepts data from pfs:file or from the keyboard. Quickly displays and prints data in your choice of bar, line or pie charts. Each chart can contain one to four graphs. Requires monochrome or color graphics.

Tandy 1000. 25-1143	140.00
Tandy 2000. 26-5307	140.00

Framework "Idea Processor"

695⁰⁰

Low As $32 Per Month
on CitiLine ★

Combines Word Processing, Spreadsheet Analysis, Data Management, Graphics and Telecommunications
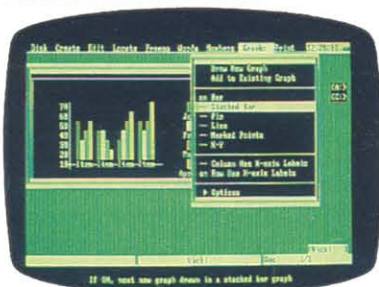
Framework. This program doesn't just process numbers—it processes ideas. Each operation is placed in a "frame" that separates it from the rest of the program. Each frame is automatically placed in an outline form, which you can modify or rearrange at any time. In other words, you can jot down notes or ideas in one frame, then create sub-frames which contain data bases, spreadsheets, graphics and reports which relate to these basic ideas. Framework also utilizes a "desktop" format that lets you view several operations at once on the screen. A special "zoom" function lets you instantly expand any frame to fill the entire screen. A built-in language lets you perform specialized operations automatically. Includes the five most needed applications in business. Requires 384K if Telecom is used.

Tandy 1200 HD and PC Compatibles. 25-3160	695.00
Tandy 2000. 26-5320	695.00

Powerful dBASE III Data Manager

695⁰⁰

Low As $32 Per Month
on CitiLine ★

- Design Your Own Information System
- "Assist" Feature Helps the New User Create Data Bases

dBASE III. An improved version of dBASE II makes dBASE III one of the most powerful and versatile data base management programs ever! "Assist" feature gives you a menu-driven "shell" that helps you learn the command functions—it practically teaches you the system as you go along. You can quickly create a full business information system that will grow as you grow. Files are easy to create, sort, retrieve and edit. And you can even perform complex mathematical calculations within a file. Maximum 4000 characters per field permits large text files. Other improvements over dBASE II include: maximum record capacity has been increased from 65,000 to 1 billion, 128 fields are allowed in a record as opposed to 32, up to 10 databases can be open at one time, numerical precision has been increased to 15.9 digits, (conforming to IEEE floating point standards), 256 memory variables are now allowed—an increase from 64, databases can contain as many as 2 billion bytes, and up to 95 files can be open at once (including index files).

Tandy 1000/1200 HD/PC Compatibles. 25-3190	695.00
Tandy 2000. 26-5353	695.00

Advanced Multiplan Spreadsheet

Microsoft Multiplan. Ideal for profit and loss projections, budgeting and sales forecasts. This popular "second-generation" spreadsheet lets you transfer information between worksheets automatically. You can assign plain-English names to any column, cell or area, vary individual column widths, center numbers and text within a column or align decimals. Sorting can be performed in alphabetical or numerical order. Cells can be set up individually, by row, column, block—or globally. Displays up to eight windows on the screen. Includes on-line help.

Tandy 1000. 25-1152	195.00
Tandy 2000. 26-5311	195.00

DR Graph Software

DR Graph. Add impact to your presentations by communicating your message graphically. Displays line, bar, step, stick, scatter, pie and text-only charts on the screen. Print your graphs on paper or transparencies using a wide variety of printers. Simple screen instructions guide you through every stage of graph design, providing outstanding graphics without extensive training. You choose labels, titles, legends, colors, type styles and borders to add the final touch to your work. Add, move and modify the size of your text at will with the aid of the optional Digi-Mouse.

Tandy 1000. 25-1151	195.00
Tandy 2000. 26-5278	195.00

TANDY 1000 PERSONAL SOFTWARE

HomeWord

Take the confusion out of word processing with HomeWord, an incredibly easy-to-use word processor. With HomeWord, there are no complicated commands to memorize, no hefty manuals to flip through. HomeWord is so easy to use, adults or children can start word processing almost immediately! Instructions on cassette tape and an easy-to-follow instruction manual take you through basic word processing functions. And the program's identifiable icons make it a snap to print, edit, delete or move copy. 25-1116 . . . . 69.95

HomeWord Speller

Add this spelling dictionary to your HomeWord system and it automatically searches for misspelled or unknown words. Correct a misspelled word once and HomeWord Speller corrects it throughout the remainder of your text. HomeWord Speller includes 45,000 words in its dictionary. You can add up to 5000 more.
25-1119 . . . . 49.95

New! Managing Your Money

Designed by financial wizard Andrew Tobias. Provides a complete checkbook and budget program, helps with tax planning, tracks net worth, serves as an all-purpose financial calculator, evaluates life insurance and stores memos on an electronic calendar. Records and analyzes your investments, tallies realized and unrealized gains and losses, suggests optimal tax strategies, prints your Schedule D, reminds you as investments are going long-term and calculates tax shelter and rental property internal rates of return. Requires 256K. Also runs on Tandy 1200 HD, IBM PC and PC compatibles.
25-1159 . . . . 199.95

Micro Illustrator

Puts the power of instant graphics generation at your fingertips. Anyone can use Micro Illustrator to create beautiful computer graphics. An absolute "must" if you have a high-resolution color monitor. No programming experience needed—you'll be creating color graphics in minutes! All commands are on an easy-to-use menu. Just point to choose shapes, colors and functions. Great for use with the Touch Pad (26-1185, next page). 25-1120 . . . . 29.95

New Low Price! King's Quest

Enter an adventurous world of three-dimensional graphics, sound and animated characters. Guide brave Sir Graham on his quest and return the king's treasures! Different mysteries and obstacles await you each time. Was $49.95 in Cat. RSC-14.
25-1117 . . . . 39.95

King's Quest II—Romancing the Throne

Enter a strange and wonderful adventure world as you guide King Graham on his quest to free his queen-to-be from a jealous enchantress. Use your cunning and courage as you travel with Graham to find the magic keys that will unlock his lady love. Encounter characters of legend, folklore and fantasy. Explore underground caverns, eerie towers and alien wonderlands. Different mysteries and obstacles await you each time you play. Also runs on the Tandy 1200 HD, the IBM PC and PC compatibles. 25-1128 . . . . 39.95

Lode Runner

You're a specially trained Galactic Commando behind the lines of the Bungeling Empire. They've stolen the treasure from your peace-loving people, but you've found where it's hidden. Now you must run, jump, drill special passages and outsmart the Bungeling guards if you're to succeed. More than 150 game screens make Lode Runner a challenge every time. You're constantly threatened by trap doors or different caves and arsenals. Lode Runner lets you design your own game, too. 25-1113 . . . . 29.95

New! Microsoft Flight Simulator

A real-time flight simulation program. The simulation considers 35 important aircraft characteristics and includes an out-the-window three-dimensional dynamic flight display and extensive flight controls. Flight Simulator features detailed graphics that closely simulate a pilot's actual perspective. Flight instruments look and behave like the real thing. The "world" is more than 10,000 square miles and encompasses the entire continental United States and extends into Canada, Mexico and the Caribbean. The "populated" world consists of four areas and includes more than 80 airports. Winds, clouds, time of day (for dawn, day, dusk and night flight) and navigation aids are also included. In "easy flight mode", you fly in optimal conditions and use only the primary flight instruments and controls. Select "reality flight mode" to simulate more sophisticated flight factors. In either mode, you can add environmental conditions, such as wind, time of day and turbulence. In addition to the easy and realistic simulation modes, it includes the WWI Ace war game, which lets you test your dogfighting and bombing skills. Also runs on the Tandy 2000, Tandy 1200 HD, the IBM PC and PC compatibles.
26-5379 (Avail. 10/30/85) 49.95

New! Millionaire

A remarkable simulation of the real world of stock market investing. Experience the thrills of high finance while learning basic stock market terms, skills, strategies and concepts. At the beginning of each game, your computer creates a new stock market environment—no two are ever alike. Also runs on the Tandy 2000, 1200 HD, the IBM PC and PC compatibles. 26-5384 . . . . . 49.95

Demon Attack

Waves of winged demons are invading, and you're Earth's only hope! Armed with laser cannons and missles, you must defend your home from the interplanetary warriors. But watch out, they're just the beginning! 25-1110 . . . . 29.95

One-on-One with Larry Bird and Dr.J.

Basketball superstars Larry Bird and Julius "Dr. J." Erving helped design this exciting simulation game. Try 360-degree slam dunks, turn-around jump shots, rebounding for tip-ins and more. But watch out, the referee is looking for offensive and defensive fouls. For one or two players. 25-1111 . . . . 34.95

Touchdown Football

This is grid-iron action at its toughest and most exciting, for lovers of the game. Challenge the computer opponent with your own run, pass, punt and kick strategies. Program your offense and defense as you like. You can even program individual players—make a superstar! 25-1123 . . . . 29.95

Pinball Construction Set

Comes with five built-in pinball machines, or build your own. Choose from 32 ready-to-use game parts to build your own electronic pinball machine, or start completely from scratch. Save games you design for contests. 25-1112 . . . . 34.95

Wizard of Id's WizType

Your children learn to type words, sentences and paragraphs in a game with the characters from the comic strip "The Wizard of Id". Twenty typing levels to choose from. 25-1114 . . . . 34.95

BC's Quest for Tires

An exciting action game featuring characters from the comic strip "BC". Follow Thor as he zips around aboard his prehistoric unicycle, trying to rescue the Cute Chick from the hungry dinosaur. But first he must face rocks and pot holes, cross a lava pit, and avoid the troublesome Fat Broad. 25-1115 . . . . 34.95

Cutthroats

By Infocom, the makers of Zork I. You're the chief diver at a backwater island, working for some shady characters. Can you recover the treasure? Ask the computer questions in sentences and you'll get descriptive, full-length answers. Your adventure could last for weeks! Also runs on the Tandy 2000, Tandy 1200 HD, the IBM PC and PC compatibles. 25-1121 . . . . 39.95

16

GET MORE FROM YOUR TANDY 1000

Tandy 1000 Educational Software

New! The FUNdamentals: A Tutorial to the Tandy 1000

A self-paced teaching program and manual designed to teach the new user the basics of operating computers in general, and the Tandy 1000 in particular. Familiarizes the user with the keyboard, the general function of the computer (including memory and storage), various types of applications and software, the concept and operation of DOS and DOS commands, plus introduces the operations and power of DeskMate. The program is menu-driven, and designed to give the first-time user valuable hands-on experience.
25-1124 . . . . 29.95

New! Typing Tutor III

The fastest, most effective way to learn how to type on your computer. Features LETTER INVADERS™, the arcade game that sharpens your typing skills. Also runs on the Tandy 1200 HD, the IBM PC and PC compatibles. 25-1126 (Avail. 10/30/85) 49.95

New! Mastering the SAT

Comprehensive and self-paced, the program places emphasis on the principles involved in each question and its solution, as well as test-taking strategies. A full-length SAT pre-test gauges initial performance levels and pinpoints areas needing improvement. Skill-development exercises cover Verbal, Math and the Test of Standard Written English. A full-length post-test gauges progress and targets areas needing further work. Comes with a 152-page Test Preparation Workbook with two full-length simulated exams and review material. Mastering the SAT offers the experience, information, specific training and confidence that students need. Also runs on the Tandy 1200 HD, the IBM PC and PC compatibles.
25-1127 (Avail. 10/30/85) 99.95

Facemaker. Helps children become comfortable with computer fundamentals by playing fun, simple games. Build an animated face by choosing eyes, noses, ears and more. Helps improve concentration. 25-1100 . . . . 29.95

Kids on Keys. Children learn with the computer keyboard as they identify numbers, letters and words. A "picture editor" lets kids change or create new pictures. 25-1101 . . . . 29.95

Kindercomp. A series of games for pre-schoolers. Kids create colorful drawings, identify number sequences, create repeating word patterns, match letters and numbers and more. 25-1102 . . . 29.95

Fraction Fever. Helps children develop an understanding of fractions. Kids hop an animated "pogo stick" to match the correct picture with the fraction shown on the screen. 25-1103 . . . . 29.95

Alphabet Zoo. Children learn to associate letters of the alphabet with the sounds they represent in two exciting maze games. Colorful pictures and music accompany the program. 25-1104 . . . . . 34.95

Kidwriter. Your children create their very own storybook with colorful scenes, text and music. The picture-stories can be saved on disk and loaded again at a later time. 25-1105 . . . . 29.95

Trains. An economic simulation program. You're in charge of a railroad empire. It's up to you whether your business succeeds or fails. Make deliveries, stay on schedule and clear enough money to keep rolling. 25-1107 . . . . 29.95

Pipes. Arlo the Plumber needs your help to bring water to the people of Gilroy. Help him choose pipe from the factory, connect them to the houses and tie your new system to the water supply. Be frugal and plan your systems well, or you'll both end up all wet. Levels of difficulty increase with the number of houses in Gilroy.
25-1108 . . . . 29.95

Learning with Leeper. Leeper will lead your children through four award-winning preschool games and help prepare them for reading, writing and math. Features shape matching, counting, eye-hand coordination and creativity skills. Fully animated program requires no adult supervision. 25-1118 . . . . 34.95

SPINNAKER
We make learning fun

Add Greater Cursor Control and Versatility to Your Tandy 1000

[A] **Touch Pad.** Ideal for creating free-hand graphics—simply touch the tablet's surface with your finger or the included drawing pen. Use the Touch Pad like a paddle controller or joystick with Tandy 1000 games and programs. 26-1185 . . . . 59.95

[B] **Color Mouse.** Adds speed to games and graphics creation. Simply "roll" across tabletop to accurately position cursor. Use alone or with a joystick. 26-3025 . . . . 49.95

[C] **New Low Price! Deluxe Joystick.** You can feel the difference. Patented stick mechanism for more accurate cursor control and quicker response. Select "spring-centering" or "free-floating" operation. Was $39.95 in Cat. RSC-14. 26-3012 . . . . 29.95

For Use with Graphics Generation and Other Tandy 1000 Software

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Instructional and Reference Books for Tandy 1000 and MS-DOS

NEW! Introduction to MS-DOS. Explains the basics of the MS-DOS system, its functions and possibilities. The first section shows how to start up the system, enter commands, explains the directory and shows how to print and clear what's on the screen. The next section discusses using MS-DOS to prepare diskettes, including formatting, copying, comparing and checking diskettes. The third section teaches you how to use MS-DOS to manage your files. It explains different types of files and how they can be used. Describes copying, comparing displaying and printing files, changing file names, erasing files and explains the most common error messages. The last section discusses using an MS-DOS system with hard disks.
25-1506 . . . . 7.95

NEW! Advanced MS-DOS Applications. Discusses working with files and devices, organizing your files, simplifying your work, controlling the flow of data, personalizing your system, keeping your system healthy and "looking behind the scenes".
25-1507 (Avail. 11/30/85) 14.95

NEW! The Complete Guide to the Tandy 1000. An extremely thorough examination of the power of our most popular computer! Covers basic operations, software options, compatibility issues, mastering MS-DOS, hardware, expansions and more.
25-1505 . . . . 14.95

Learning BASIC for Tandy 1000/2000. An excellent tutorial for BASIC programming by Dr. David Lien, author of our famous Model I Owner's Manual. 25-1500 . . . . 19.95

MS-DOS Reference Manual. Complete reference guide to MS-DOS. Covers MS-DOS commands, the line editor (EDLIN), linking object modules, the DEBUG utility and problems and error messages. 25-1501 . . . . 34.95

GW-BASIC Reference Manual. Complete reference guide to GW-BASIC commands. Covers basic concepts, arrays, disk files, displaying color and graphics, keywords, technical information, error codes and messages. 25-1502 . . . . 34.95

Programmer's Reference. Documents all BIOS subroutines and entry points for use in low-level languages. Covers system calls, control blocks and work area, initialization and command processor, disk allocation, device drivers and BIOS services.
25-1503 . . . . 19.95

Technical Reference Manual. Includes schematic diagrams and theory of operation on the Tandy 1000 and option boards. Covers video system modes, system logic registers, general memory information, expansion boards, and shows comparisons to the IBM PC/PCjr. 25-1504 . . . . 29.95

MULTI-USER TANDY 6000 COMPUTER
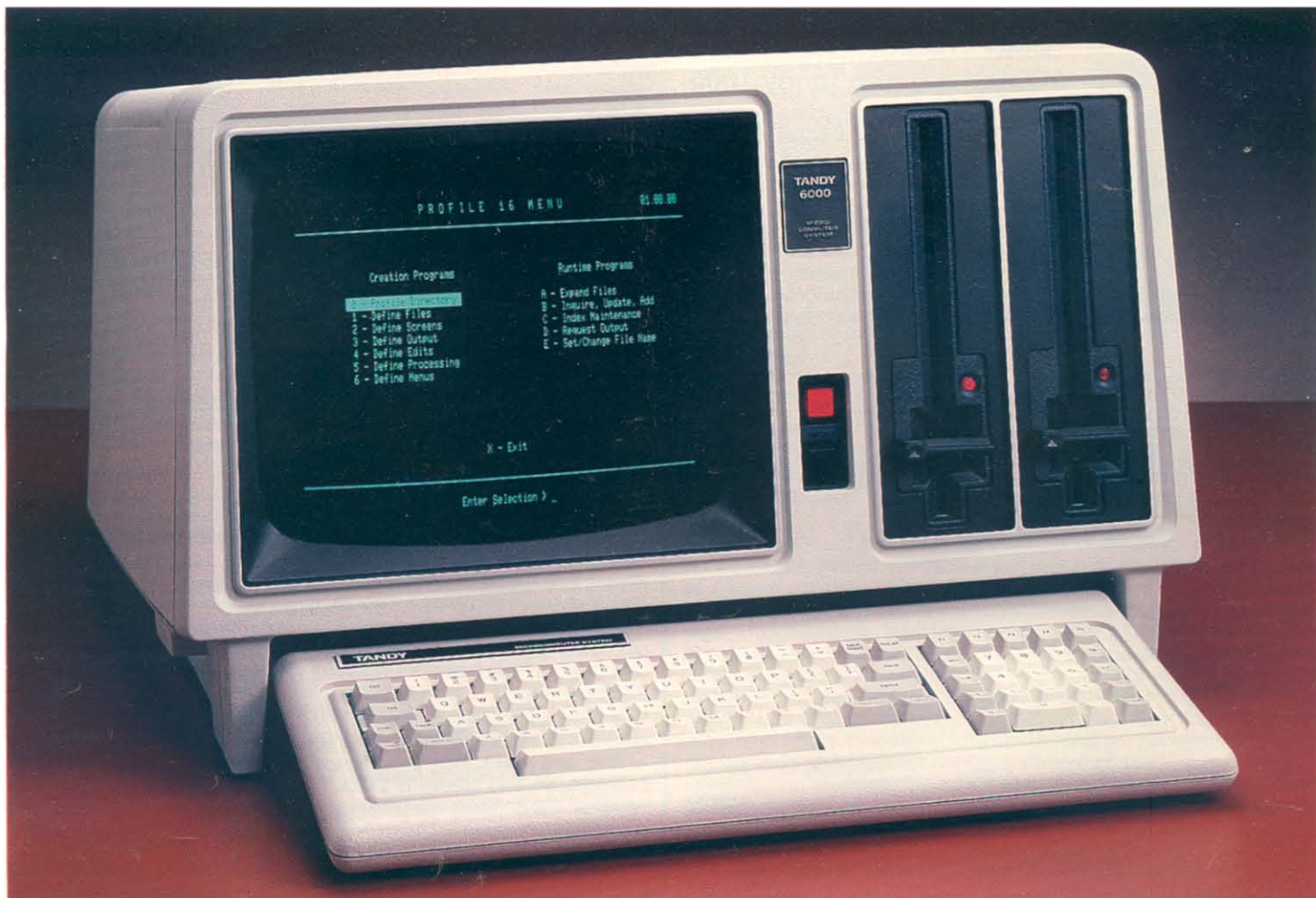
512K 2-Disk

Priced
From **4499⁰⁰**

Commercial Lease Available for Only $155 Per Month
(Plus Applicable Use/Sales Tax)

- 512,000 Characters of Internal Memory—Expandable to 1 Million Characters
- Includes XENIX Multi-User Operating System
- Choose Two Built-In 1,250,000-Character 8″ Floppy Disk Drives or Our Powerful System With One Floppy Drive and 15-Megabyte Hard Disk Built In
- Unique Dual-Processor Design ■ Four Internal Plug-In Expansion Slots

Tandy 6000. Everyone who wants the most advanced microcomputer technology at their disposal needs the Tandy 6000. It's ideally suited for today's offices, providing simultaneous job-handling *without* the expense of multiple computers. It offers the high operating speeds and large memory capacity that many business users require. And it can handle complex, computation-intensive jobs and highly sophisticated programs that only a 16-bit computer can.

What the Tandy 6000 Can Do for You. Now you can accomplish complex tasks with ease—the new Tandy 6000 microcomputer puts superior performance in a compact desktop system! Advanced 16/32-bit technology permits the Tandy 6000 to utilize much more memory and process data at much higher speeds than 8-bit micros. The Tandy 6000 features 512K memory, easy user expansion and the latest version of the XENIX multi-user operating system that lets you turn the Tandy 6000 into a three to six-workstation office system for accounting, spreadsheets, data base needs and more. You can even choose the Tandy 6000 with a built-in 15-megabyte hard disk system!

Advanced 16/32-Bit Technology. The Tandy 6000 is designed around a state-of-the-art 68000 microprocessor that accepts 16-bit data and processes it internally as 32-bit "words". A second microprocessor— the Z-80A—handles input/output and a variety of other "housekeeping" chores.

Software Compatible With Model 12. The Tandy 6000 can use existing Model 12 software (in the single-user mode only), plus software that's designed to take advantage of the Tandy 6000's advanced features.

Expandable. Two RS-232C serial communication interfaces and a parallel printer interface allow expansion with a variety of peripherals. Add high-resolution graphics, additional memory and more via the user-accessible card cage. Expand with up to four external 70-megabyte hard disks for over 280 million characters of storage.

Deluxe Features. The Tandy 6000 includes a high-resolution 12″ green video display with 24 lines of 80 characters, and a detachable typewriter-style keyboard with numeric keypad and 8 function keys. You can choose the Tandy 6000 with two built-in 1,250,000-character double-sided, double-

density 8″ slim-line floppy disk drives or one floppy disk and a hard disk drive.

512K 2-Disk Tandy 6000.
26-6021 . . . . 4499.00
512K Tandy 6000 With Built-In Hard Disk. Includes self-contained 1.25-megabyte 8″ floppy disk drive *and* a 15-megabyte hard disk drive. Add one external hard disk for a total of 85 megabytes of hard disk storage!
26-6022 . . . . 5499.00

EXPAND YOUR TANDY 6000/16/12/II

10-Megabyte Disk Cartridge System

2195⁰⁰

Ideal for
Hard Disk
or Floppy
Backup

NEW FOR '86

10-Megabyte Disk Cartridge System. Removable hard disk cartridge (extras available) makes it easy to backup and store data from your conventional hard drive system. You can also use the Disk Cartridge Drive as a secondary 10-megabyte drive. With the Disk Cartridge System, you get the flexibility of floppy disk storage combined with the high storage capacity and rapid access time of hard disks. Each cartridge stores up to ten megabytes, on line, anytime. And on the shelf, or even in your briefcase, they take a minimum of space. It's the ideal total data base and data backup solution! Includes one ten-megabyte disk cartridge. U.L. listed.
26-1245 . . . . 2195.00

10-Megabyte Cartridge Drive Kit. Add a second internal drive. Requires installation (not included). 26-1246 . . . . 999.00

10-Megabyte Cartridge. 26-1372 . . . . 89.95

Interface Kit for Tandy 6000/16. 26-6018 . . . . 119.95

Interface Kit for Tandy 1000/1200 HD. Installation recommended (not included). 25-3022 . . . . 199.95

Hard Disk Storage for a Powerful System

New! 70-Megabyte System. Compatible with our XENIX system only. Use with our 12, 15 and 35-megabyte drives. Not compatible with 8-megabyte hard disk. Expand with three secondary drives.

Primary Drive. Requires cable kit and installation (not included). 26-4173 . . . . 4295.00

Secondary Drive. Requires installation (not included). 26-4174 . . . . 3895.00

35-Megabyte Primary Drive. Requires cable kit and installation (not included). 26-4171 . . . . 2995.00

35-Megabyte Secondary Drive. Requires installation (not included). 26-4172 . . . . 2695.00

New Low Price! 15-Megabyte Primary Drive. Req. cable kit and installation (not incl.). Was $1995.00 in RSC-14.
26-4155 . . . . 1595.00

New Low Price! 15-Megabyte Secondary Drive. Req. installation (not incl.). Was $1495.00 in RSC-14. 26-4156 . . . . 1295.00

Hard Disk Components

Model III Cable Kit. Includes Model III LDOS. For use with 15-megabyte drive only. 26-1133 . . . . 99.95

Model 4 Cable Kit. Includes TRSDOS 6.2. For use with 15-megabyte drive only. 26-1134 . . . . 79.95

NEW! 10-Megabyte Model 4 Controller. Requires #26-1134 Kit (above). 26-1138 (Avail. 12/15/85) 449.95

Tandy 6000/16/12/II Cable Kit. Requires installation (not included). 26-4157 . . . . 349.00

Model 12/16B Internal Hard Disk Kit. 26-4154 . . . . 2495.00*

NEW! 10-Megabyte Hard Disk. For Tandy 1000/Model 4D. Requires controller. 25-1025 . . . . 699.00

NEW! Tandy 1000 Secondary Cable Kit. 25-1026 . . . . 35.00

NEW! Tandy 1000 HD Secondary Cable Kit. 25-1027 . . . . 35.00

Tandy 2000 HD Cable Kit. Allows use of Secondary Drives. May require installation (not included). 26-5126 . . . . 45.00

Hard Disk Fan Air Filters. 26-1363 . . . . 99¢

Expansion Options for Tandy 6000

256K Memory Kit. For Tandy 1000/6000. Tandy 6000 requires two kits to upgrade. 26-6019 . . . . 199.95

512K RAM Board. Card contains 512K RAM with sockets for adding another 512K. 1 megabyte total! 26-6015 . . . . 1095.00

Model 12 to Tandy 6000 Upgrade. Includes 68000 processor board and 512K RAM board (can expand to 1 megabyte). Includes XENIX 3.0 core (700-3030). 26-6014 . . . . 1595.00

128K Memory Board. 26-6011 . . . . 399.00**

128K Memory Kit. 26-6012 . . . . 159.00**

RS-232 Card. Allows six people (instead of three) to use the power of the Tandy 6000. Requires a minimum of 512K memory (768K recommended) and RS-232 cables. 26-6013 . . . . 199.00

Deluxe Data Display Terminal

795⁰⁰

- 14" High-Resolution Screen
- 80 or 132 Columns by 26 Lines
- Sculptured Keyboard with 16 Programmable Keys, Cursor Control Keys, and Numeric Pad

DT-100. Fully compatible with most DEC and UNIX-based software systems. Features green display screen and a high-resolution character set (128 ASCII). Low-profile keyboard with improved key placement. Terminal configuration is set from the keyboard and retained even when the power is off. U.L. listed. 26-6052 . . . . 795.00

DT-1 Terminal. 26-6050 . . . . 599.00

Serial-to-Parallel Converter. Attach a parallel printer to the DT-100 when running under XENIX. 26-1198 . . . . 99.95

SPECIFICATIONS. Data Transfer Rate: Up to 38,400 bps. **Video Size/Format:** 24 lines (plus 2 status lines) of 80 or 132 characters. Upper and lower case. **Video Attributes:** Normal, underline, reverse and dim. **Input/Output:** One RS-232C communications port and one RS-232 printer port. **Power:** 120VAC, 60 Hz.

Expansion for Tandy 6000/16/12/II

Model 12/16 External Disk Drives.

1-Drive Unit. 26-4165 . . . . 1299.00

2-Drive Unit. 26-4166 . . . . 2098.00

Internal Disk Drive Kit. Add a second built-in floppy disk drive to your single-drive Model 12 or 16. Requires installation, not included. 26-4167 . . . . 799.00

64K Memory Expansion. Allows your Model II or 12 computer to generate much larger spreadsheets when using the Enhanced VisiCalc program. Added memory is not usable by all applications software. 26-4105 . . . . 399.00*

High-Resolution Graphics Upgrade. For Model 12/II. Create sophisticated on-screen charts, graphs, geometric patterns, even animation using eleven Graphics BASIC commands. 153,600 pixels (640 × 240). Includes graphics board with 32K memory, diskette with Graphics BASIC and assembly language subroutines and user's manual. 26-4104 . . . . 499.00**

Model II Disk Expansion Bay. Expand your present 1 or 2-drive expansion bay with a disk kit (requires installation, not included). Each drive stores 486K. U.L. listed.

Disk Drive Kit. Lever, no light. 26-4163 . . . . 600.00

Disk Drive Kit. Lighted bar. 26-4164 . . . . 600.00

Model 12 Card Cage. Provides six plug-in slots for inserting our optional expansion boards. A door panel in back of the "cage" provides easy access. Requires installation, not included. 26-6017 . . . . 199.00

TANDY 6000 SOFTWARE
Powerful Multi-User Spreadsheet and Data Base Programs

Multiplan

A truly sophisticated, yet incredibly easy-to-use decision support tool. Multiplan lets you consolidate related worksheets so that information is transferred between them automatically. For example, your company's sales forecast can be updated automatically whenever you change the data in any worksheet containing your regional sales figures.

"Plain English" Convenience. All prompts are full length words or phrases. Plain English names can be assigned to any column, cell or area, so that formulas can be expressed as "Gross Profit = Sales – Cost". If you have any questions, an On-Line Reference Guide gives you instant help—it knows where you are in Multiplan and offers information related to your problem, right on the screen.

Advanced Features. With Multiplan, up to eight display windows can be created on the screen simultaneously. Sorting can be performed in alphabetical or numerical order. Cells can be set up individually, by row, column, block—or globally. Cell entries can be left or right justified, and can display values in graph form or as integers. You can vary individual column widths, center numbers and text within a column and align decimals. Format reports with user-selected top, bottom and side margins, row and column numbers, and more. Multiplan can directly utilize your current VisiCalc files, too. Includes tutorial manual.
26-6480 . . . . 349.00

Unify Relational Data Base

Includes interactive data entry, ad hoc queries, menu handler and security system. ENTER provides full screen, interactive data entry. Type, length, range, value checks and cross file edits are supported. A query-by-forms facility allows queries to be answered simply and easily by casual users of the system. Unify SQL is a powerful relational inquiry and data manipulation language based on English keyword syntax. Its structure is easy enough for beginners to use, yet powerful enough for DP professionals. LST (Listing Processor) supports multi-line titles and column headings; built-in functions such as MIN, MAX, AVG and TOTAL; page headers and footers; level breaks; and absolute positioning of data. Simple reports can be produced with a single command using query by forms. SFORM can create a default screen to save time in development. Default screens or designs can be modified. User-defined screen prompts and editing masks are supported. Screen forms can contain multiple pages or multiple-line scrolled areas. Many different screens may be defined for each data base to provide each user his own "view" of the data. MENUH is Unify's menu handler and security system. You can protect your data through passwords and access privilege limitations at the field, record, file and menu level. Unify offers a combination of access methods. Hashing is available for primary keys; compressed B-Trees are available for secondary indexes; links are available for explicit relationships; and high-speed, buffered, sequential access is also provided. Two programming languages—C and RM-COBOL—are supported by Unify's language interface modules. Each provides the programmer access to Unify's data handling routines through his programs. Includes extensive on-line help facility. Comes with reference manual, tutorial manual and introductory booklet.
26-6415 . . . . 750.00

Profile Multi-User

Multiply office productivity! Allows several operators to access, update and use the same file at the same time. (Of course, individual records are protected from being changed by more than one person at a time.) You can design your Tandy 6000 Profile system to match your present manual methods—no need to learn new procedures. And all screen prompts and menus are in plain English—no blind guesses or confusing programming terms. You can even customize your system to help your employees do jobs quickly—even automatically—with a few simple keystrokes. And you can change or expand your system at any time without having to re-enter data—Profile will rearrange your data to fit new formats. That means you can create a simple system to start, then build up to a powerful data base over time. You can have up to 16 million records per file, with up to 999 entry blanks (fields) and 4608 characters per record. Files can be spread across multiple hard disk drives. Profile can give you the date and time of a record's last update, the operator who made the change, and other audit trail information automatically. It can watch for up to 200 data entry errors or special cases. Password protection can also be used to prevent accidental record access, update or deletion. Profile does "conditional math". For instance, "if the order is between $1000 and $4999, subtract a 5% discount; if between $5000 and $9999, subtract 10%." Other math functions include percentages, minimums and maximums, logs and anti-logs, fractions and fractional powers, and averages. Profile can do "conditional processing", too. If certain criteria are met, it does the operation; if not, it does a different operation. Data to be printed can be arranged in any way you choose. Reports can be as long as 99 lines and as wide as 255 characters. Labels can be printed in one-column lists or across the page in rows. Profile also can do "end-of-period" processing.
26-6412 . . . . 499.00

Several People Can Use Multi-User SCRIPSIT at the Same Time

Multi-User SCRIPSIT Word Processing

Multiply office productivity. Allows several people to prepare correction-free letters, memos, forms and reports at the same time using a Tandy 6000 multi-user system. That can save your company time, effort and money. Plain English prompts and menus put advanced editing capabilities at your fingertips and are accessed with just two keystrokes. An on-screen information line keeps track of cursor position, margins, line spacing and page number. You can define up to 20 keys to recall often-used phrases or special functions. Floating format and reverse indentation make it easy to set up tables. A Global Search feature will locate a specified word wherever it occurs in text for selective editing. You can even print one document while working on another and

load ASCII text files. All documents are stored on disk for later use or revision. Multi-user SCRIPSIT includes several enhancements for customizing your text. A powerful "Global Find, Delete and Replace" routine can search not only for a character or string of characters, but also for control characters, such as carriage returns or printer codes. An Abort function cancels any alterations to your document. SCRIPSIT supports a full complement of printing features, including proportional spacing and mixed font styles within documents. A powerful print utility allows you to queue documents one after another and print them in any order. You can even obtain subtotals, totals and averages of numerical columns automatically. Includes manual and self-paced training course on audio cassettes. Easy to learn and use.
26-6431 . . . . 499.00

New! SCRIPSIT Dictionary

This automatic "proofreader" program for SCRIPSIT checks and displays your text on the screen, highlighting misspelled words for correction. Contains over 100,000 words, abbreviations, proper names, contractions and foreign words with hyphenation points. You can add up to 2000 words that are used in your profession—medical, legal, engineering, scientific terms, etc. Requires SCRIPSIT word processing software. 26-6434 . . . . 249.00

New! Font Editing Package

Use your Tandy 6000 (or Model 12) to create your own type styles that can be printed with the DMP 2100P. Easy-to-use package includes loading and editing programs, plus utilities to customize your own drivers. Includes nine starter fonts.
26-4540 . . . . 24.95

Tandy 6000 Software Requires Hard Disk for Multi-User Operation. Single User Operation May Use Floppy Disk or Hard Disk.

MULTI AND SINGLE-USER ACCOUNTING

Ready-to-Run Business Programs Save You Time, Effort and Money

Multi-User Software

Increase office productivity with our Tandy 6000 programs. They allow several people to perform different tasks simultaneously. Your sales department can check inventory levels while someone in accounting updates your general ledger—at the same time someone else is working on payroll.

COBOL Query

Retrieve desired information from COBOL data files. Use Query with General Ledger (26-4601), Payroll (26-4603), Accounts Receivable (26-4604), Accounts Payable (26-4605), Order Entry/ICS (26-4607) and Sales Analysis (26-4608). Also interfaces with Multiplan (26-4580) and SCRIPSIT (26-4531 and 26-4835) Requires hard disk.
Model 12. 26-4612 . . . . 149.00

General Ledger

Interacts with Payroll, Accounts Payable and Accounts Receivable. Generates 12 reports, including Income Statement, Balance Sheet and General Ledger Worksheet.
Model 12. 26-4601 . . . . 399.00
Tandy 6000/Model 16. 26-6201 . . 599.00

Payroll

Calculates and prints checks and provides distribution to General Ledger accounts. Prints federal, state and local withholding reports, W-2 forms and more.
Model 12. 26-4603 . . . . 499.00
Tandy 6000/Model 16. 26-6203 . . 699.00

Inventory Control System

Assists in cycle counting, ordering from vendors, handling partial receipts and designing reports.
Model 12. Requires two disk drives. Model 12 handles approximately 6000 inventory items per diskette.
26-4602 . . . . 299.00
Model 12 Hard Disk or Thin-Line Floppy. Up to 30,000 items.
26-4802 . . . . 399.00
Tandy 6000/Model 16 Hard Disk. Supports three users. Handles 30,000 items.
26-6302 . . . . 399.00

Accounts Receivable

Open item and/or balance forward system to interface with General Ledger, Order Entry/ICS and Sales Analysis.
Model 12. 26-4604 . . . . 399.00
Tandy 6000/Model 16. 26-6204 . . 599.00

Accounts Payable

An accrual system that will interface with General Ledger. Reports include Vendor File, Transaction Register, Aging, Cash Requirements, Pre-Check Writing Accounts, Payable Check Register, General Ledger Distribution and Vendor Analysis.
Model 12. 26-4605 . . . . 399.00
Tandy 6000/Model 16. 26-6205 . . 599.00

Order Entry/Inventory Control System

Allows both single-pass invoicing and two-pass open order entry with separate billing. Requires and interacts with Accounts Receivable.
Model 12. Requires three disk drives or hard disk.
26-4607 . . . . 399.00
Tandy 6000/Model 16. Requires three disk drives or hard disk.
26-6207 . . . . 599.00

Sales Analysis

Examine and evaluate sales. Data is obtained from customer file of Accounts Receivable or item file of Order Entry/Inventory Control System. Shows sales activity by customer, volume, salesmaker, item and more.
Model 12. Requires three disk drives or hard disk.
26-4608 . . . . 249.00
Tandy 6000/Model 16. Requires three disk drives or hard disk.
26-6208 . . . . 399.00

Manufacturing Inventory System

A versatile program that will help you maintain greater control of your business. Track work in progress, raw materials and finished goods. Maintain your company's inventory files in an easy-to-access format. Estimate order completion dates, labor and material requirements and more. Holds 2100 inventory items, 600 bills with 99 components each, and 200 manufacturing orders. Models 12 and 16 require two drives.
Model 12. 26-4509 . . . . 750.00
Tandy 6000/Model 16. 26-6309 . 850.00

Job Costing

Designed to aid small construction companies in the preparation of job estimates, and to enable them to accurately track the progress and cost of each job. It keeps up with your two most valuable resources—time and money. Expenses are entered as they are incurred and are posted to each task by cost category. Detailed and summary information available on each job. Job Costing can be used for internal auditing to check invoices and purchase orders, too. As jobs are completed, year-to-date profit and loss is maintained on disk. It's an invaluable tool for estimating work volume and average gross profit.
Model 12. 26-4513 . . . . 149.00
Tandy 6000/Model 16. 26-6209 . . 199.00

Single-User Software

These deluxe programs can also form the heart of a superb dedicated accounting system—ideal for the small business which has one person that handles all the bookkeeping. The interactive capability of these packages allows easy, automatic update of each aspect of your firm's operation.

General Ledger

Handles 504 accounts, 11,420 entries per month. Second disk drive allows update from Payroll (26-4503), Accounts Receivable (26-4504), and Accounts Payable (26-4505). 26-4501 . . . . 199.00

Inventory Management System

Handles 3000 inventory line items, 200 vendors, quantities to 999,999 and prices to $9999.99. For single-sided floppy operation only.
26-4502 . . . . 199.00

Payroll

Earning, deduction and workers' compensation categories for 200 employees. Multidrive update to General Ledger (26-4501).
26-4503 . . . . 399.00

Accounts Receivable

Generates monthly statements and prints invoices. Multi-drive update of General Ledger.
26-4504 . . . . 299.00

Accounts Payable

Prints cash requirements, aging reports and totals, and checks. Up to 500 vendors and 3000 invoices. Multi-drive update to General Ledger (26-4501).
26-4505 . . . . 299.00

Order Entry with Inventory Control

Maintains 650 accounts and 2000 inventory items. Interfaces with Accounts Receivable (26-4504). Requires four disks.
26-4514 . . . . 199.00

Statistical Analysis

A menu-oriented data analysis program. Includes descriptive statistics, graphic histogram and more.
26-4540 . . . . 99.00

Tandy 6000 Software Requires Hard Disk for Multi-User Operation. Single-User Operation May Use Floppy Disk or Hard Disk.   **21**

OFFICE SOFTWARE TO SAVE YOU TIME
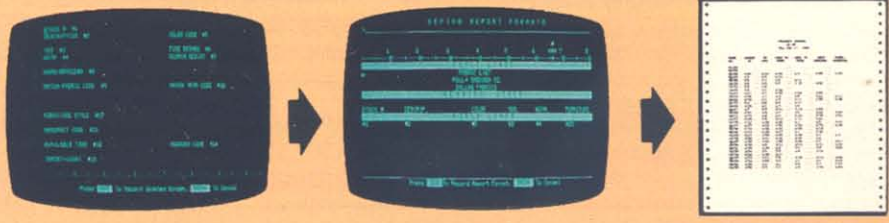
Profile II Electronic Filing

A powerful program that lets you design your own data base and search through your records to find just the information you want in seconds. Keep track of names and addresses, bills owed and paid, personnel and customer records and much more. You specify the way your files are set up and how information appears on the screen and in printed reports. Store up to 99 data fields in a single record, and print up to five different reports for each file. Search your files by up to 36 user-defined criteria. Stores up to 3000 records with a one-disk Model 12, up to 20,000 with additional disk drives.
26-4512 .... 179.00

Profile Training. Learn how to put Profile II to work for you. Includes four audio cassettes, 96-page manual and diskette.
26-4516 .... 69.00

Profile Plus. An expanded version of Profile II. Built-in math functions do extensions, calculate taxes and totals between numeric fields automatically. "Associated" fields can be searched for "similar-type" data. An indexing system automatically organizes files in logical order for high-speed access. Selectable record lengths.
26-4515 .... 299.00

Profile II Filing Systems for Your Model 12

| Define a Screen Layout | Define a Report Format | Get a Printed Report |

Profile Upgrade. Gives Profile II users the added features of Profile Plus.
26-4517 .... 120.00

Profile Forms. Prints a detailed, single-page record on each item in your file instead of a one or two line listing. Requires Profile Plus. 26-4556 .... 125.00

Profile Archive. Purge inactive records and list them on a line printer and/or merge them into a history file. Requires Profile Plus. 26-4557 .... 49.00

Profile Prosort. Create a high-speed index to pinpoint precise information. Requires Profile Plus. 26-4558 .... 149.00

Profile Lookup. Cross reference information from five different data bases. Requires Profile Plus. 26-4559 .... 199.00

Versafile. Lets you set up your own simple filing method and what type of data that will be entered. Store names, addresses, phone numbers, customer information and more. 26-4510 .... 69.00

Create Correction-Free Letters and Reports with SCRIPSIT

SCRIPSIT Word Processing. Prepare correction-free letters, memos and reports! Plain English prompts and menus put advanced editing capabilities at your fingertips and are accessed with just two keystrokes. An on-screen information line keeps track of cursor position, margins, line spacing and page number. You can define up to 20 keys to recall often-used phrases or special functions. Floating format and reverse indentation make it easy to set up tables. A Global Search feature will locate a specified word wherever it occurs in text for selective editing. You can even print one document while working on another and load ASCII text files. All documents are stored on disk for later use or revision. Includes manual and self-paced training

course on audio cassettes. Easy to learn and use.
Model II Floppy Disk. 26-4531 . . . 399.00
Thin-Line Floppy, Model 12 Hard Disk. 26-4835 .... 399.00

SCRIPSIT Dictionary. Checks and displays your text on the screen, highlighting misspelled words for correction. Contains over 100,000 words, abbreviations, proper names, contractions and foreign words with hyphenation points. You can add up to 2000 more. Requires SCRIPSIT and one additional disk drive.

Model II Floppy Disk. 26-4534 . . 199.00
Thin-Line Floppy, Model 12 Hard Disk. 26-4834 .... 199.00

SCRIPSIT Utilities. Allows you to move columns of text and numbers, as well as provide totals, subtotals and averages of numerical columns. You can also copy often-used text stored in a special "boilerplate" utility without having to leave the document you're currently working on. A communications utility lets you transmit and receive documents.
26-4532 .... 129.00

SCRIPSIT Plotter Driver. Add clarity to reports and transparencies. Print nine character sizes in six colors. Draw boxes around your text, straight lines, underlines, superscripts and subscripts. Requires SCRIPSIT and Multi-Pen Plotter.
26-4536 .... 49.00

Do Spreadsheet Analysis and Design Your Own Forms

VisiCalc Enhanced. A spreadsheet analysis program ideal for a wide variety of planning and forecasting applications in business and engineering. VisiCalc organizes your video screen into columns and rows. You simply define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and every affected number is updated. View countless "What if . . . ?" situations in seconds. Enhancements include an entry editor for modifying formulas and labels without re-entering them, plus logical and comparison operators to perform testing and branching. 26-4521 ..... 299.00

VisiCalc Business Forecasting Model. Allows you to generate financial reports based on your VisiCalc spreadsheets. Features preformatted templates for income statement, balance sheet, cash flow and financial ratios. Three supporting

templates—sales and cost of goods sold, salaries, and assets and depreciation—are provided. 26-4526 .... 99.00

Formation Forms Generator. Simplifies filling out pre-printed forms. Ideal for insurance claims, loan applications and tax reports that require repetitive information, arithmetic or answering questions in illogical order. Use Formation to create your own customized forms, too.
26-4528 .... 299.00

Multiplan. Multiplan lets you consolidate related worksheets so that information is transferred between them automatically. For example, your company's sales forecast can be updated automatically whenever you change the data in any worksheet containing your regional sales figures. All prompts are full length words or phrases. Plain English names can be assigned to any column, cell or area, so that formulas

can be expressed as "Gross Profit = Sales – Cost." If you have any questions, an On-Line Reference Guide gives you instant help. With Multiplan, up to eight display windows can be created on the screen simultaneously. Sorting can be performed in alphabetical or numerical order. Cells can be set up individually, by row, column, block—or globally. Cell entries can be left or right justified, and can display values in graph form or as integers. You can vary individual column widths, center numbers and text within a column and align decimals. Format reports with user-selected top, bottom and side margins, row and column numbers, and more. Multiplan can directly utilize your current VisiCalc files, too. Includes tutorial manual.
26-4580 .... 249.00

Menu Generator. Create menus in machine code for BASIC or COBOL programs. 26-4555 .... 39.00

PROFESSIONAL PROGRAMS

Versatile Business Graphics Analysis Program
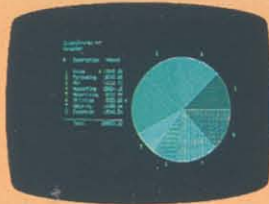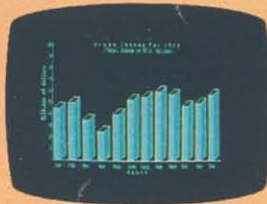
Pie Charts   **Bar Graphs**   **Drawings**

249⁰⁰ Low As $20 Per Month on CitiLine*

- Easily Create a Variety of Charts and Graphs
- Designed for Model II, 12 and 16 Computers
- 640 × 240 Resolution for Amazing Detail

Just enter your data from the keyboard or disk files—and the program generates your chart. Choose from pie, bar, line or scatter charts. Your graph is immediately displayed on the video screen for editing. The program will develop settings and labels for your charts—or you can tailor them yourself. Entry, editing and format settings are a breeze because they're "menu-driven". Even perform simple arithmetic or complex trend, growth, moving average, consolidation or logarithmic operations. Updated data can be viewed before printing. Produce graphs on selected Radio Shack printers. Requires #26-4104.
26-4550 . . . . 249.00

Software for Legal, Medical and Financial Applications

The Precedent™ Legal Accounting System. An office management program designed specifically for attorneys following standards established by the ABA Legal Economics Section. It allows total integration of Time and Billing, General Ledger, and Cash Disbursements giving you immediate access to vital client-related accounting information concerning services rendered, fees, expenses, billable and non-billable time, cash receipts, trust activity and much more. It can be used by a sole practitioner or firms with up to 50 timekeepers. You can choose from eight different billing formats containing varying degrees of detail. You can also obtain comprehensive management reports.
26-4620 . . . . 795.00

Docket Control. Avoid missed deadlines and appointments. The program accepts entry of reminder dates which occur while a case is pending. These dates can be entered individually by you or automatically calculated from user-defined models. For example, the date of death (relative day 0) begins the probate process; a death certificate must be filed within one week (relative day 7) and the will must be submitted to the probate court within one month (relative day 30). You enter the date of death and all subsequent dates are calculated and retained automatically. Docket Control may be used alone or with The Precedent Legal Accounting System (above).
26-4622 . . . . 249.00

Time Accounting. A "must" for any business that requires a detailed time analysis. Handles up to 14 professionals, 1000 clients, 500 jobs, 99 charge code categories, and 2950 transactions. Add, delete, change, list and review all information on file concerning the person who performed the work, customers, contracts and charges. Prepare billing worksheets and print statements. Model II requires four disk drives. 26-4520 . . . . 499.00

Litigation Support. A versatile computerized information storage and retrieval system designed for the attorney. Litigation Support is a docket control program that helps you research articles, organize notes, and keep track of reports and correspondence. Just enter an individual client's background, case history and correspondence. At a moment's notice, you can be reviewing the case. Litigation Support stores up to 350 client records, with 12 pleas and 10 memos. Litigation Support also doubles as a paralegal. Just enter documents associated with a case, such as a memo, letter or conversation. Then by simply typing in a subject, topic, case number or keyword, the computer displays any matching records. You can store up to 575 records, with space for up to 144 characters for sources and up to 255 characters for description. Litigation Support even prints complete reports and mailing labels. You also can merge names and addresses into "personalized" form letters using our SCRIPSIT word processing program (#26-4531) and an extra disk drive.
26-4545 . . . . 299.00

WESTLAW. Turn your business computer into a powerful electronic law library! Just register with WESTLAW—a vast legal data base—and attach a 1200-baud telephone modem to your computer. Then each time you need to research a case, simply place a phone call to use the resources of WESTLAW. You'll have access to the US Code, Code of Federal Regulations, Federal and state case law libraries, Shepard's Citations service and much more—all at a low hourly rate. WESTLAW lets you search through its "on-line" legal publications at a computer speed to locate relevant cases quickly. That reduces the time you spend on research. Simple commands make WESTLAW easy to use, too. A "must" for every practicing attorney.
26-4560 . . . . 249.00

Medical Office System. Accommodates a large individual practice or a medical clinic with up to ten physicians. Handles records and billing for up to 3000 accounts and 9000 transactions per month. Features 450 procedures and diagnoses, 4 recall medications, 2 recall dates, and 2 insurance companies per patient. On hard disk, you can keep track of 64,000 patients, 64,000 transactions, 999 procedures and diagnoses. A powerful forms generator can produce any type of invoice or insurance form to match any state's requirements. The system lets you get daily recap, transaction review, aged accounts receivable, procedure and diagnosis reports. You may enter refunds, place invoices into collection, add charges to existing invoices, switch responsible parties, and add notes into a patient's file. The system provides complete audit trails and detailed reports, cutting the time you presently spend on accounting and preparing statistical reports. Zero-balance double-entry accounting maintained automatically. You can also get an amazingly complete breakdown on your office's financial status with numeric month-to-date and year-to-date totals for all categories. Use of a unique "scan" feature allows you to quickly locate patients who meet a very narrow selection criteria. Requires a minimum of two disk drives. Create customized letters and mailing labels using Profile II (26-4512) and SCRIPSIT (26-4531) and an extra disk drive.
26-4508 . . . . 750.00

Personnel Search. A program to help match employers with potential employees, so important when you have to have the right person to fit the job. Stores up to 246 records, with up to five referral and placement positions and five client contacted companies. Up to 66 character spaces are available for a description of employer benefits, and up to 227 character spaces for employee duties. Prints reports, plus two mailing labels. 26-4621 . . . . 299.00

Electronic Broker. Maintains securities transaction records for stockbrokers, investment advisors, accountants and small bank trust departments. The Electronic Broker organizes your account bookkeeping with flexibility and ease. Reviews and updates security prices, market averages, stock splits, and adjustments for dividends. Builds and maintains four libraries of information—a library of up to 500 Client Accounts, a library of up to 1500 Securities, an ongoing Transactions File and a matched-off Liquidations File. The program provides accurate, well-organized screen displays and printed reports. Additionally, the program prints a posting journal and a liquidations report as an audit trail.
26-4525 . . . . 995.00

Model 12 Software Will Run on a Model II. Normally, Multi-Drive Software Running on a Model II Requires One More Drive than a Model 12.

MODEL 12/16/TANDY 6000 LANGUAGES

FORTRAN. Complete error documentation in compiler, and hex and octal addresses for compiler listing. Includes Editor, Compiler, Linking Loader, Subroutine Library, and a Source and Listing File Print Utility. ANSI-66 standard.
Model 12. 26-4701 . . . . 299.00

Program Editor. Use with any of our Model 12 TRSDOS languages to modify source code. Easily change, delete and insert characters or lines. File record formats are selectable. Features global search.
Model 12. 26-4710 . . . . 79.00

Editor/Assembler. Quickly write, edit, test, assemble and execute programs in Assembly Language. Use with either 8080 or Z-80 mnemonics. Constants can be specified in octal, hexadecimal or binary. Line and character-oriented text editior.
Model 12. 26-4702 . . . . 199.00

Series I Editor/Assembler. Program in machine language for faster execution and more efficient memory use. Editor features line numbering and renumbering, single-letter commands and global search. Source text may be saved in disk files. Source files may be loaded together in memory.
Model 12. 26-4713 . . . . 49.95

Assembly Language Development. Five-module package includes Editor, Assembler, Linker, Debugger and File Transfer.
Model 12. 26-4712 . . . . 249.00

COBOL Development System. A high-level implementation of ANSI-74 COBOL. Features multi-keyed ISAM for quick access of data, interactive DEBUG, address stop, single and variable step display, extended ACCEPT/DISPLAY commands, full level-2 I/O commands, Editor and single-pass Compiler.
Model 12. 26-4703 . . . . 299.00

COBOL Run-Time Diskette. *
Model 12. 26-4704 . . . . 40.00

COBOL Generator. Define a complete software package and generate a COBOL source program automatically. Requires one additional disk drive and COBOL Development System (26-4703).
Model 12. 26-4707 . . . . 995.00

Compiler BASIC. Features single-key ISAM to help organize and retrieve data, cross reference and interactive DEBUG to speed program development, easy calls to assembly language or other object programs, 14-digit floating point decimal format, full error control, complete CRT control, and single-pass compiler. (Note: For program development and not for conversion of existing software.)
Model 12. 26-4705 . . . . 199.00

Compiler BASIC Run-Time Diskette. *
Model 12. 26-4706 . . . . 30.00

BASCOM BASIC Compiler. Designed to complement the Model 12 Microsoft BASIC Interpreter. MS-BASIC Compiler can support programs written for a wide variety of microcomputers with little or no modification. Allows you to create programs that execute faster and require less memory than the same interpreted programs, in addition to providing source code security. Allows several chained programs to be supported by a main menu. Features BASRUN runtime module. BASRUN allows you to develop a system of related programs that can all be run using the same runtime environment.
Model 12. 26-4725 . . . . 199.00

CP/M Plus. An easy to learn and use high-performance single-user, single-tasking operating system that opens the door to thousands of non-Radio Shack business programs. CP/M Plus includes a fast, sophisticated file system, and features a flexible application program interface and powerful system utilities with HELP facility. Compatible with CP/M 2.2 and MP/M II files.
Model 12. 26-4740 . . . . 249.00

CBASIC. A commercial dialect of the BASIC language implemented as a compiler/interpreter. It requires the CP/M Plus, and is designed specifically to develop business applications. Compiles source code files into pseudo-code instructions so application programs use RAM more efficiently. Maintains real numbers in BCD format to assure fractional parts of dollar amounts will be exact and ledgers will balance, and supports integer arithmetic to increase execution speed. Returns unused memory to system automatically.
Model 12. 26-4742 . . . . 99.00

XENIX Languages for Software Development on Your Tandy 6000

XENIX Development System. Includes the powerful C language and many standard UNIX utilities for developing multi-user software. Because of C's flexibility, it can be used to develop applications software for business uses, including numerical, text processing and data base programs. With assembler, text editor, a spelling dictionary, electronic mail, sort utility and compiler generators. Requires a minimum of 256K (512K recommended) and hard disk drive.
Model 16B.
26-6401 . . . . 750.00
Tandy 6000. (XENIX 3.0).
26-6402 (Avail. 9/15/85) 750.00

XVIEW. A versatile, full-screen text editor for creating and editing program source text (operating under XENIX).
Tandy 6000. 26-6404 . . . . 149.00

XENIX COBOL Development System. A high-level implementation of the ANSI-74 COBOL standard for minicomputers. Includes an editor, interactive debugger, a single-pass compiler, and more.
Tandy 6000. 26-6455 . . . . 699.00

FORTRAN 77. Write and execute mainframe-level Fortran applications. Features Hollerith and hexadecimal constants, symbols of up to 31 characters and an "include" statement. Requires XENIX Development System (26-6401 or 26-6402).
Tandy 6000. 26-6451 . . . . 699.00

PASCAL-2. A transportable multi-pass compiler that adheres to the Pascal ISO standard while performing optimizations to generate compact, fast code. Requires XENIX Dev. System (26-6401 or 26-6402).
Tandy 6000. 26-6452 . . . . 699.00

Macro Assembler. An easy-to-use set of assembly language mnemonics. Macros allow you to control your output and compiler. Assemble programs which access outside data and subroutines. Requires XENIX Development System (26-6401 or 26-6402).
Tandy 6000. 26-6450 . . . . 399.00

XENIX BASIC Interpreter. Chain other MBASIC programs and pass common variables. Supports 40 significant characters for variable names, logical record lengths of up to 32K, and record locking for multi-user support.
Tandy 6000. 26-6457 . . . . 299.00

XENIX BASIC Compiler. Based on Philon Fast/Basic-M language. Closely compatible with Microsoft's MBASIC. Features separate compilation facility and extremely fast execution of compiled code.
Tandy 6000.
26-6458 . . . . 349.00

XENIX V7 to 3.0 Upgrade. Upgrade a Model 16 running XENIX 1.3X to XENIX 3.0 without upgrading hardware to a Tandy 6000. With PAL chip (requires installation, not included). 700-3031 . . . . 199.00

VIS AND COMMUNICATIONS

VIS™—Tandy's Videotex Information System

Information Providers
Gather and Process Information for VIS Information Bases

System Operator
Maintains the VIS Host System

VIS Users
Access the VIS Information Base
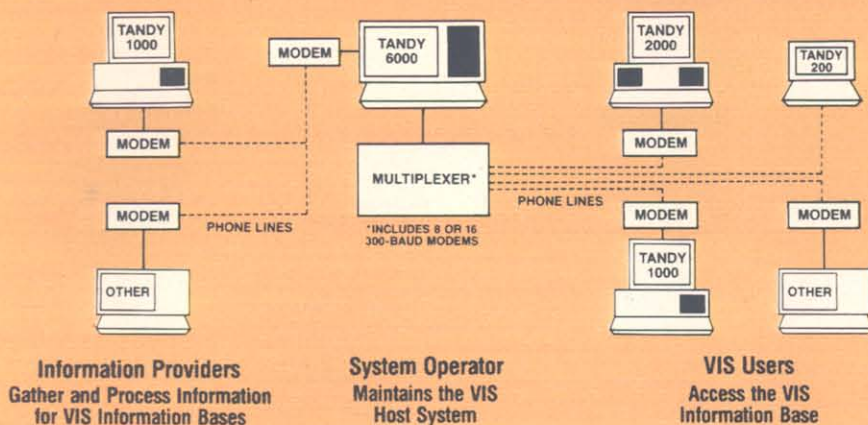
- Access Information with Menus or Keywords
- Store and Distribute Text, Programs and Graphics
- Distribute Private or Public Information
- Protect Information Through Multiple Security Levels
- Design the Information Base to Fit Most Any Application
- Access Information with Most Any Terminal

Videotex Information System (VIS). A versatile "Host" program that provides access to information through keywords or menus. The centralized storage of a VIS Information Base can contain organized collections of text, programs and graphics. VIS is an efficient and effective method of improving the distribution of information.

Information Distribution. The need for distribution of information on a timely, cost-effective basis establishes the primary application for VIS. A "public" VIS Information Base can be designed to allow access to classified ads or local activities for paid subscribers. Departments within large corporations require time-sensitive information distribution. A VIS Information Base can be designed to deliver this information and, at the same time, allow for the centralized storage of spreadsheet templates to be shared between the departments.

Information Access. A VIS user simply logs into the VIS Information Base and enters a request for information. This request can be in the form of keywords or menu options. The flexibility in the design of a VIS Information Base allows for access by the experienced user, as well as the novice.

VIS Software. 26-6470 . . . . 3500.00*
VIS Multiplexer Software. (Requires 26-6470.) 26-6471 . . . . 1000.00*
New Low Price! 8-Line Multiplexer. Was $6000 in RSC-14. 71-3000 . . . . 4250.00*
New Low Price! 8-Line Multiplexer Upgrade Kit. (Requires 71-3000.) Was $2000 in RSC-14. 71-3001 . . . . 1250.00*

*VIS Software & Multiplexers Available Only Through Radio Shack Videotex Department, 1400 One Tandy Center, Fort Worth, TX 76102.

Communicate with Mainframes Using Our Protocol Packages

BIS-3270. Allows your Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) using standard IBM bisynchronous protocol and emulate an IBM 3271/3274/3275/3276 display station and 3284/3286 printer. BIS-3270 appears to the system as a control unit with one keyboard display and one separately addressable printer. All functions of the IBM 3270 display station are supported. Requires modification of the "A" serial port (extra charge). 26-4730 . . . . 1495.00

BIS-3780. Allows Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) using standard IBM bisynchronous protocol with any IBM S/360, S/370, 30XX and 43XX host or non-IBM host that provides support for IBM 2780/3780/2770/3741 devices. Your Model 12 can function as a remote terminal or a Remote Job Entry (RJE) terminal. Editor/Assembler (26-4702) may be required for mode configuration. Requires modification of "A" serial port (extra charge). 26-4716 . . . . 995.00

ReformaTTer. Prepare programs and data for use with IBM equipment. Handles the transfer of files between TRSDOS and IBM-compatible diskettes. It organizes data to conform to the 3741 single-density IBM format, performs optional EBCDIC/ASCII character conversion and automatically initializes diskettes to the IBM format, eliminating the need for specially pre-formatted diskettes. 26-4714 . . . . 249.00

Micro-SNA/3270. Allows your Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) using standard SNA/SDLC protocol with any IBM S/360, S/370, 30XX and 43XX IBM host or non-IBM hosts that provide support for IBM 3270 devices. Your Model 12 can emulate an IBM 3274/3276 display station. Requires modification of the "A" serial port (extra charge). 26-4717 . . . . 699.00

T-1000 Protocol Converter. Lets your computer or terminal access IBM host computers using BSC, SNA/SDLC or Channel Attachment Operations. This microprocessor-based unit allows your computer to emulate an IBM 3278-2 via direct type A coax connection. An auxiliary port on the T-1000 can support a second asynchronous host or a telephone modem for access to remote asynchronous computers. Requires terminal emulation software, such as Softerm 2000 (26-5261). 26-1169 . . . . 995.00

Tandy 2000 Software

Softerm 2000. A powerful communications manager. Emulates over 20 character and block-mode terminals. Includes remote file transfer and local printing of files. Supports auto-dial/auto-answer. Requires 256K. 26-5261 . . . . 195.00

CLEO-3270 Cluster Controller. Emulate a remote IBM 3276-2 cluster controller with IBM 3287 printer attached (via a synchronous modem or modem eliminator). Your cluster can consist of up to four other computers emulating IBM 3278 display stations. Requires 256K system and Serial Expansion Board (26-5164). 26-5262 . . . . 980.00

SNA/SDLC and BIS. Communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator) with any IBM S/360, S/370, 30XX and 43XX host or non-IBM hosts using standard IBM SNA/SDLC or IBM bisynchronous protocol.

Micro-SNA/3270. Emulate remote IBM 3274/3276 control unit and/or 3284/3286/3287/3288 printer. 26-5263 . . . . 695.00**

Micro-SNA/3770. Emulate remote IBM 3771/3774/3775-P1/3776/3777-1 devices. 26-5264 . . . . 695.00**

Micro-SNA/Cluster. Emulate a remote IBM 3274/3276 cluster controller with attached IBM 3287 printer. Up to 8 other Tandy 2000 computers can emulate IBM 3278/3279 display stations. Requires a second Serial Expansion Board when using more than 4 terminals. 26-5265 . . . . 1390.00**

Tandy 2000 Serial Expansion Board. 26-5164 . . . . 325.00

BIS-3780. Emulate IBM 2780/3780/2770/3741 devices. MS-Assembler (26-5252) may be required if mode reconfiguration is needed. 26-5258 . . . . 695.00

BIS-3270. Emulate IBM 3271/3274/3275/3276 display station and 3284/3286 printer. 26-5259 . . . . 695.00

**Requires 256K and Serial Expansion Board (26-5164).

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NETWORK OFFICE AUTOMATION

**Local Area Networks
Make Data Sharing
Easy and
Affordable**
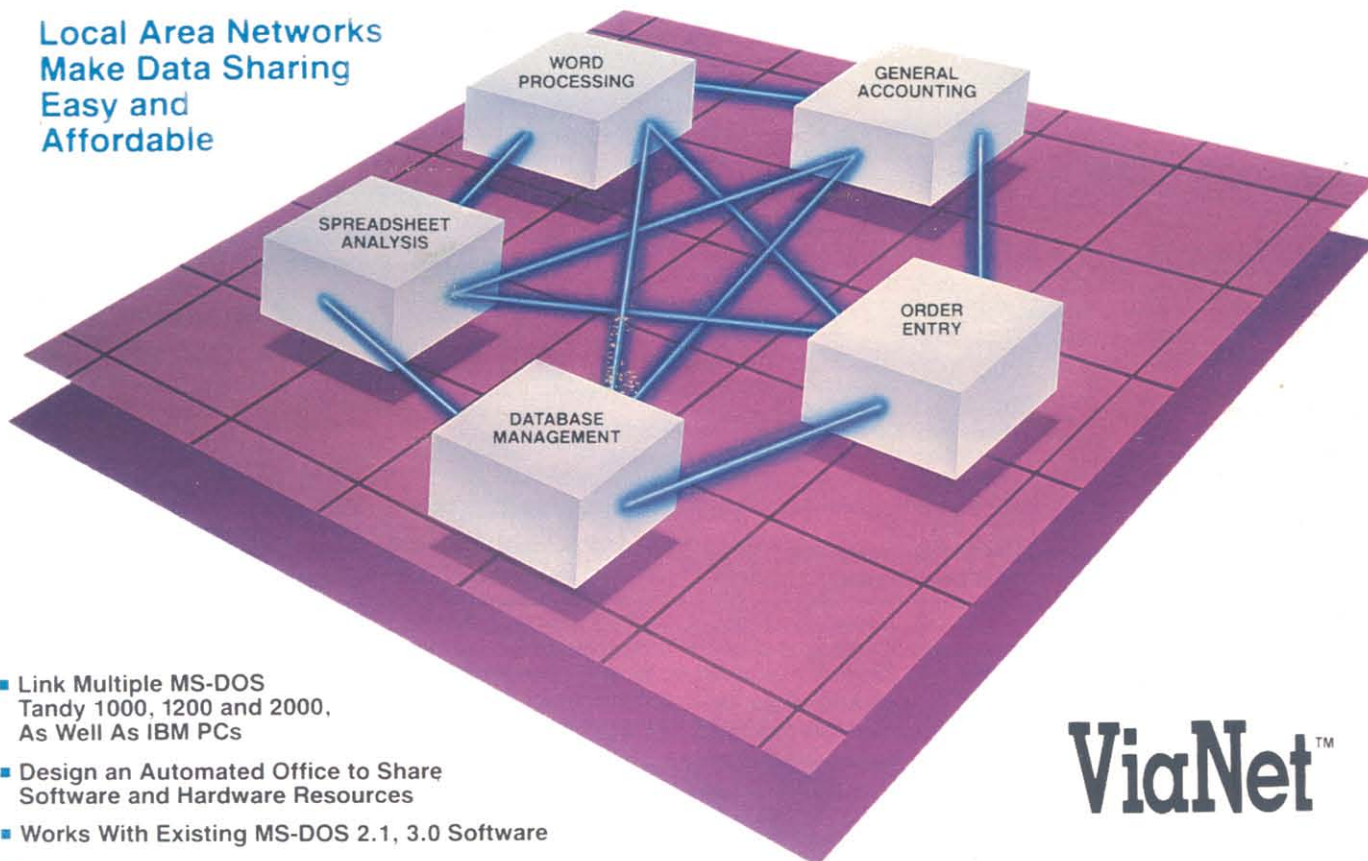
- Link Multiple MS-DOS
  Tandy 1000, 1200 and 2000,
  As Well As IBM PCs
- Design an Automated Office to Share
  Software and Hardware Resources
- Works With Existing MS-DOS 2.1, 3.0 Software
- Uses PC-Network Compatible Record Locking

ViaNet™

Why You Need a Local Area Network

Maximum efficiency in today's office is achieved through automation of word processing, filing and other business applications. An ideal solution is to connect your computers together to form a local area network. While the sharing of software and hardware resources offers savings in time and office space, networking has been prohibitive for many businesses. Most micro nets require expensive dedicated file servers. In addition, it is difficult to "mix and match" different computer equipment, because all computers within a network had to be operating system compatible. But now there's ViaNet—a software system that links Tandy's MS-DOS computers into a local area network. Best of all, it is no longer necessary to invest in an expensive dedicated computer file server.

Versatile ViaNet™ Network

ViaNet makes all resources on the network available to each user. With ViaNet, users may easily and quickly share programs, data and such costly resources as letter-quality printers, plotters, hard disks or modems. The software is resident at each station, so the network operates as a global supervisor, without requiring a "master" station.

Typical ViaNet Configuration
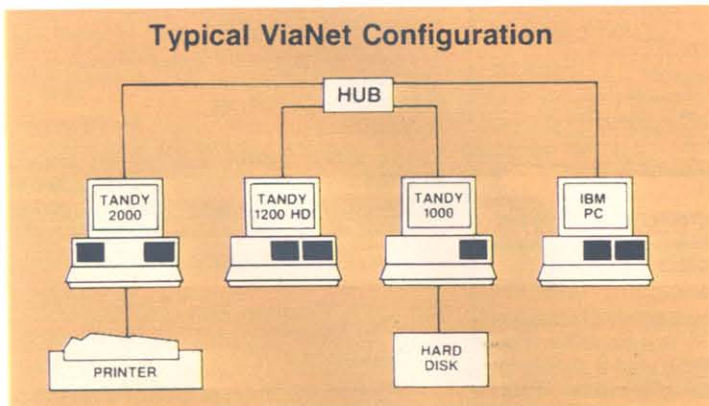
Most important, all of these operations are entirely transparent to users. Operating system commands work precisely the same under ViaNet as in a stand-alone environment. Each computer in the system requires a user-installable Arcnet Datalink Board, and is connected to a "hub" with coaxial cable. Boards include software and user's guide. Installation recommended (not included). ViaNet requires 128K more RAM than is required for applications and MS-DOS.

Network Hardware

Tandy 2000 ViaNet System.
26-1220 (Avail. 10/15/85) 499.95
Tandy 1200/1000 ViaNet System.
26-1221 (Avail. 10/15/85) 499.95
ViaNet Administrator's Guide.
26-1222 . . . . 19.95
Network Applications Design Reference.
26-1224 . . . . 14.95

New Low Price! Active Hub. Lets you connect eight computers up to 2000 feet apart. Active Hubs can be linked. Adding Passive Hubs to an Active Hub allows service of up to 24 CPUs. Linking combinations of Active and Passive Hubs can allow a very large system to be set up to address up to 255 devices. Was $999.95 in Cat. RSC-14.
26-6508 . . . . 695.95
New Low Price! Passive Hub. Connects four computers to each other up to 200 feet apart. Two passive hubs cannot be connected in series. Was $79.00 in Cat. RSC-14.
26-6504 . . . . 69.95
Coaxial Cable. RG62 with BNC connectors on each end.
20 Ft. 26-6510 . . . . 15.95
50 Ft. 26-6511 . . . . 24.95
100 Ft. 26-6512 . . . . 39.95
Bulk. 26-6513 . . . . Per Foot/21¢
BNC Fitting.
278-104 . . . . 2.39
BNC/BNC Coupler. 278-115 . . . . 1.99

CLASSROOM NETWORK SYSTEMS

**Classroom Networks
Provide Shared
Learning Systems**

HARD DISK STORAGE

WORD PROCESSING

COMPUTER MANAGED INSTRUCTION

COMPUTER ASSISTED INSTRUCTION

PROGRAMMING LANGUAGES

**Our Network 4 System
Brings Up to 63 Stations
Into One System**
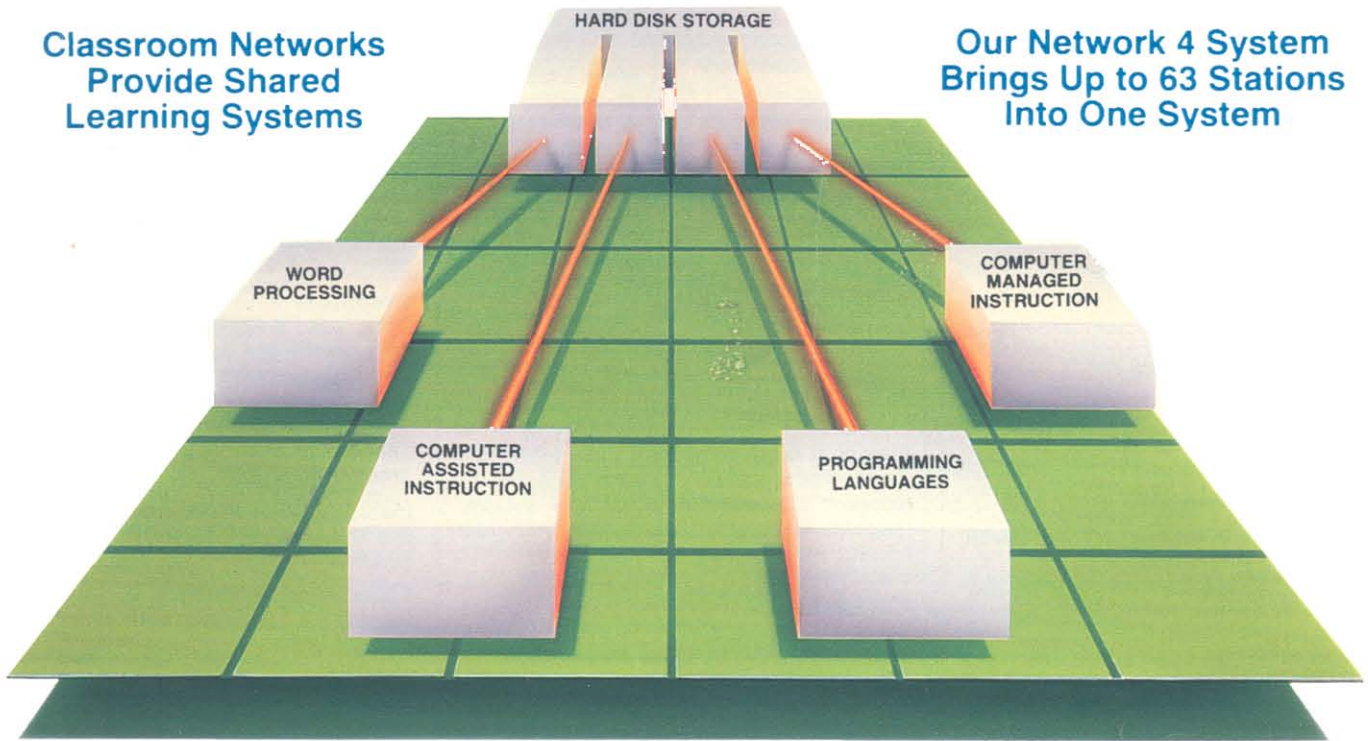
- **All Software Resides on Hard Disk(s) at Master Station —Ideal for Teacher Control**
- **Independent Stations Share Disk Space and Programs**
- **Compatible with Standard TRSDOS 1.3 Applications and Languages**

Network 4. The Network 4 Shared Learning System will add flexibility and economy to your computer lab or classroom. Our Network 4 System incorporates some of the most advanced networking technology available to make shared computer learning possible for large groups. Using a twisted pair cable, the Network 4 lets you connect up to 63 upgraded Model III or Model 4 computers to a master computer with a hard disk drive or drives. The student stations can then share the hard disk, each station operating virtually as a stand-alone system under TRSDOS 1.3. Each user can quickly access programs, data files and storage areas on the hard disk as designated by the teacher. Student stations have full print capabilities at their own local printers. For remote printing, a SPOOL utility directs print output to a file. Spool files can be printed on the printer connected to the master station or other dedicated station.

How It Works. The storage capacity of the host computer's hard disk drive is divided into "volumes" to serve as diskettes for storage by the individual stations. Students in the network can use up to four of these volumes at any time for class activities. Teachers use the system manager's program to create student "accounts". These accounts allow students various levels of access to the volumes that reside on the hard disk.

Network 4 System Requirements. A Network 4 system requires a Model 4 host (Model 4, plus Master Upgrade Kit #26-1136, or Student Station #26-1058, plus cable modification); a Model 4-compatible primary hard disk (such as the 15-megabyte #26-4155 or the 35-megabyte #26-4171); Network 4 Operating Software (#26-2773); a trunk cable; and at least one disk-equipped Model III or Model 4 upgraded with a Master Upgrade Kit (#26-1136) for initializing the network's hard disk. Model 4 Student Stations (#26-1058) can be added to the network, as can Model III and Model 4 computers that are upgraded with the Student Upgrade Kit (#26-1137). An Active Junction Box (#26-1225) is required to connect more than 32 stations to the trunk cable, or to extend the trunk cable beyond 1000 feet.

Network 4 Operating Software. This specially designed operating software enables student stations to access the hard disk drive and printer of the central host computer. Software includes a program that executes in the host computer and a modified version of TRSDOS 1.3 (with BASIC) to execute in the stations.

- **One Cable Connects All Stations for High-Speed Communication**
- **Master Station Serves Up to 63 Student Stations**
- **Student Stations Function Like Stand-Alone Computers with 4 Floppy Drives**

Network 4 Operating Software. 26-2773 . . . . 230.00
Soon Network 4 will support the Color Computer (under 0S-9 operating system) and the Tandy 1000 (under MS-DOS 2.X).
Non-Disk Model 4 Student Station. 26-1058 . . . . 1099.00
Master Upgrade Kit. Requires installation (not included).
26-1136 . . . . 299.95
Student Station Upgrade Kit. Requires installation (not included).
26-1137 . . . . 299.95
100-Foot Trunk Cable*. 26-1218 . . . . 16.95
500-Foot Trunk Cable*. 26-1214 . . . . 69.95
1000-Foot Trunk Cable*. 26-1215 . . . . 119.95
Tap Box. (Optional.) **26-1216** 9.95
Tap Cable. (Optional.) **26-1217** 9.95
Active Junction Box. 26-1225 . . . . 299.95
*Trunk cables include termination resistors.

Network 2. I/III/4/CC/Model 100. Allows easy management of student programs. You can simultaneously load a program into all 16 student systems at either 500 or 1500 baud, depending on the computers used. With optional printer connected to host computer, student programs can be loaded into the host and printed out. Use with Model I/III/4 as host and student stations, or with Color Computers as host and student stations. The Network 2 can be used to transfer ASCII files with Model 100 student stations and either a Model 100 or a Model 4 host. Controllers can be cascaded to connect more stations. 26-1211 . . . . 499.00

Network 3. III/4. Enables up to 16 student workstations to access and select lessons stored on host system so teacher is freed from repeatedly loading programs. Under software control, scores can be automatically stored on the host disk for later review. An optional line printer attached to host computer lets students get printouts of their programs without teacher assistance. Designed for use with educational courseware that's Network 3 compatible. Requires operating software. Minimum student station: 32K Model III/4 with RS-232C port. Minimum host station: 32K 1-Disk Model III/4 with RS-232C port. Cables available separately. U.L. listed. 26-1212 . . . . 599.00

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RADIO SHACK'S EDUCATION DIVISION

Our Commitment to Education. Radio Shack microcomputers are a valuable teaching tool in use in schools nationwide. That's why we support a continuing effort to produce instructionally-sound and properly-validated courseware. In addition, we offer free computer training classes to teachers and school administrators.

What Makes Courseware Unique? A computer is useless without a program—a special set of instructions in computer language that tells the computer how to solve a problem. But for education, a computer program must also implement an acceptable instructional

strategy. That's why Radio Shack has involved the experts—teachers, curriculum developers and administrators—in designing and field-testing our complete line of courseware offerings.

A Wide Selection of Programs. We invite you to compare our courseware with other programs currently available. You'll discover what a difference quality Radio Shack courseware can make. Our Regional Educational Coordinators are ready to help you decide how our complete line of microcomputers and courseware can best suit your needs.

Computer Assisted Instruction

Computer Assisted Instruction techniques center on individualized learning where the computer generates and presents student exercises in a specific subject area. CAI programs involve students interactively with the computer.

K-8 Math Series

Ideal for use as a supplement to regular classroom instruction in Kindergarten through 8th grades. This series was designed by professional educators, and has been extensively field-tested in the classroom. Immediate feedback is given for correct and incorrect answers. Each program includes lesson summaries and K-8 Math Cross-Reference.

K-8 Math Program, Vol. I. I/III *† A/G Randomly generates skill building drills in number concepts, addition, subtraction, multiplication and division. Features student placement, skill building and test modes, plus automatic promotion and demotion.
26-1715 .... 199.00

K-8 Math with Student Management, Vol. I. I/III* A The original K-8 Math Program with added student management features. Monitors promotions and demotions, and allows for teacher review of scores. Starts each student in the appropriate lesson each session. Printer optional.
26-1725 .... 199.00

K-8 Math Worksheet Generator. I/III A Generates worksheets and answer sheets from K-8 Math lessons. Teacher can print multiple copies of identical worksheets or worksheets with different problems at the same difficulty level. Worksheets can be saved on disk for later use or editing. Line printer required. 26-2162 .... 99.95

K-8 Math Cross-Reference. Correlates individual K-8 Math lessons with specific chapters and pages in six major math basals. 26-2750 .... 4.95

Color Math. CC † A/G Automatically places student in the lesson that corresponds to their skill levels, followed by progress reports and testing. For grades 1 thru 8. 26-3202 .... 39.95

Secondary Math and Science Programs

Essential Math Program. I/III *† A/G Skill-building drills for grades 7-12. Reinforces math concepts introduced by the teacher. Gives immediate feedback for correct and incorrect answers. Includes placement mode, as well as promotion and demotion.

Vol. I. I/III *† A/G Covers addition, subtraction, multiplication, division and number concepts. 26-1716 .... 199.00

Vol. II. I/III *† A/G Covers fractions, decimals, percents and pre-algebra concepts.
26-1719 .... 199.00

NEW! Vol. I. *CC† A/I
26-2643 .... 120.00

Euclid Geometry Tutor. I/III *† A/G Allows students to practice constructing proofs using nine basic postulates of Euclidean geometry. Developed by a high school geometry teacher and tested extensively in the classroom. Program works out a proof automatically, and guides and tests construction of student's proofs. Teacher's manual includes numerous exercises in Euclidean geometry.
26-1724 .... 39.95

Advanced Graphics. I/III *† A/G Investigations in analyzing equations and plotting their respective graphs through demonstrations of plotting functions and plotting polar and parametric equations.
26-1714 .... 39.95

Interpreting Graphs in Physics: Position and Velocity Versus Time. I/III *† A/G Poses graph-related questions or simulations relating to rectilinear motion including position, speed, displacement and acceleration concepts.
26-1721 .... 39.95

Vector Addition. I/III *† A/G Plots components and sums of student-provided vectors. 26-1720 .... 39.95

Vector Addition for the Color Computer. CC † A/I 26-2638 .... 39.95

Graphical Analysis of Experimental Data. I/III *† A/G Plots and analyzes data pairs input by student.
26-1722 .... 39.95

Investigations in Integral Calculus. I/III *† A/G Explores fundamentals through 14 investigations. Graphs and computes areas of functions. 26-2600 ...... 39.95

Investigations in Integral Calculus for the Color Computer. CC † A/I
26-2641 .... 39.95

Plane Analytic Geometry. I/III *† A/G Generates problems with emphasis on straight lines and conic sections.
26-2602 .... 39.95

Number Theory. I/III *† A/G Definitions, examples, and exercises on constructive or computational aspects of number theory concepts.
26-2613 .... 69.95

Matrices, Determinants, and Simultaneous Equations. I/III *† A/G Generates problems related to simple matrix algebra.
26-2620 .... 49.95

Quadratic Equations. I/III *† A/G Practice in coefficient and equation recognition, discriminant evaluation, type of roots, more. 26-2623 .... 49.95

TRS-80 Chemistry Lab. Six laboratory experiment simulations on Kinetic Theory, Charles' Law, Boyle's Law, Titration, Conductivity and Solubility. Students control variables in experiments in order to see changing results. Each package includes an instructor's manual and 25 student experiment books.
Vol. I. I/III *† A/G 26-2609 ... 199.00
Vol. I. CC † H 26-2626 .... 199.00

Additional Student Experiment Book. For use with 26-2609 and 26-2626.
26-2666 .... 3.00

The Solar System: Featuring the Discovery of the Planet Pluto. CC G For upper-elementary and secondary students. Facts are presented about the planets and how they were discovered. *Out of the Darkness: The Planet Pluto*, is included. 26-2647 .... 59.95

Electronic Book™ and Software

CC A unique and fun way for children to learn. Each of the optional software packages below contains colorful pages which are inserted into the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make activity selections or to answer questions. Additional programs available. Plugs into joystick port.
26-3141 .... 24.95

Professor Presnote. CC A/G Introduces your children to the fundamentals of music. Play pre-selected tunes or create your own. Ideal for home or school. 26-2573 ... 24.95

Solar Explorer. CC A/G Uses the theme of space travel to give information about our solar system's planets and Earth's moon. 26-2546 .... 19.95

CLASSROOM COURSEWARE

Language Arts and Reading

Early Learning Programs from the Creators of Sesame Street

Designed by The CTW Software Group, a division of Children's Television Workshop. For first and second graders, each package includes diskettes, teacher's guide, board games, posters, spirit masters and activity cards. Disk drive required.

Play-With-Language. CC Ⓐ Three word and reading activities combining graphics and text. Teaches sight and vocabulary words, decoding and comprehension skills, following directions and sequencing. 26-2538 . . . . 99.00

Hands On! CC Ⓐ A program that encourages creative self-expression. The first activity lets students write with beginning word processing aids, such as insertion and deletion of text. A student's writing may be saved, and files can be created and shared with other students. With the second activity, children create and manipulate pictures—change colors, duplicate images, turn, move or scroll horizontally or vertically. Pictures can be saved. 26-2539 . . . . 99.00

Courseware from MECC

Ten programs by the Minnesota Educational Computing Corporation. Many include learning objectives, lesson plans, student exercises and worksheets.

Basic Arithmetic. III Ⓒ Four math programs for grades 2-6. 26-2790 . . . . 44.95
Word Games. III Ⓒ Word study for grades 1-6 26-2791 . . . . 44.95
Expeditions. III Ⓒ Historical simulations for grades 5-9. 26-2792 . . . . 44.95
Puzzles and Posters. III Ⓒ Teachers can design posters, puzzles and tests. 26-2793 . . . . 44.95
Graphing. CC Ⓘ Graph studies for grades 7 and up 26-2794 . . . . 34.95
Music. CC Ⓘ Music theory studies for all levels. 26-2795 . . . . 34.95
Pre-Reading. CC Ⓘ Reading fundamentals through grade 2 26-2796 . . . . 34.95
Earth Science. CC Ⓘ Natural science studies for grades 5-9 26-2797 . . . . 34.95
Marketplace. CC Ⓘ Business simulations for grades 3-8 26-2798 . . . . 34.95
Outdoor Biology. CC Ⓘ Ecological studies for grades 1-9. 26-2799 . . . . 34.95

Computer Assisted Reading Development

Adapted from the Philadelphia Computer Assisted Reading Development Program for supplemental reading instruction at the 4th-8th grade level. Requires AUTHOR I Lesson Presentation Package (26-2707) or TRS-80 AUTHOR I (26-1727). Compatible with Network 3 using the Network 3 Lesson Presentation Package (26-2713).

C.A.R.D. I: Sentences. III Ⓒ Covers sentence recognition, relationships, ordering and labeling. 26-2603 . . . . 199.00
C.A.R.D. II: Paragraphs. III Ⓒ Students define sentence relationships within a paragraph. 26-2604 . . . . 199.00
C.A.R.D. III: Directions. III Ⓒ Focuses on details and order to help improve ability to read and follow directions. 26-2605 . . . . 199.00

High Motivation Reading Series

Each program in the series comes with four student readers and an audio cassette. Computer programs measure reading comprehension. For grades 4-6. Programs require 32K with one drive and TRS-80 MicroPILOT™ (26-2718).

Charles Lindbergh/Amelia Earhart. III Ⓐ 26-2513 . . . . 74.95
Hound of the Baskervilles. III Ⓐ 26-2514 . . . . 69.95
Dracula. III Ⓐ 26-2515 . . . . 69.95
Moby Dick. III Ⓐ 26-2516 . . . . 69.95
Beatles. III Ⓐ 26-2517 . . . . 69.95
20,000 Leagues Under the Sea. III Ⓐ 26-2518 . . . . 69.95
Time Machine. III Ⓐ 26-2519 . . . . 59.95
Frankenstein. III Ⓐ 26-2520 . . . . 59.95
Student Records System. III Ⓐ 26-2521 . . . . 29.95

Introduction to the Alphabet

I/III† Ⓐ/Ⓖ Skill-building drill to help children ages 4 to 6 become familiar with the capital and small letters of the alphabet and their locations on the computer keyboard. 26-1718 . . . . . . 39.95

Hall of the Mountain King

I/III• † Ⓐ/Ⓖ An educational classroom version of the Model III/4 action game by graphics wizard Leo Christopherson. Player battles trolls and finds the way through a maze in an underground kingdom where a princess is held prisoner. Students key in answers to any multiple-choice quiz as they play the game. 26-2616 . . . . 39.95

Business

Business Education: Computer Applications in Small Business. Designed to supplement business accounting curriculum, the package includes visual materials, student workbooks and four business programs: General Ledger, Accounts Receivable, Accounts Payable and Disk Payroll. The course is based on a field-tested, structured teaching model and is divided into four parts for each topic. The instruction manual and student workbooks parallel each other in content, form and wording. Includes transparencies with teaching guides for their use. Requires 48K Model III or 64K Model 4 with 2 disk drives. Printer required. 26-2654 . . . . 599.00
NEW! Student Manual. 26-2655 . . 11.95

Corplan. III• Ⓒ A management-decision simulation game designed to supplement business instruction at the college or advanced secondary level. Allows an individual student or a team to make quarterly production, sales and financial decisions. Produce charts and screen reports with optional printer. Minimum of 48K required in all stations when used in Network 3 environment. 26-2619 . . . . 49.95

Numeric Data Entry Practice. I/III• Ⓐ A 25-lesson practice course to help students develop speed and accuracy in entry of numeric data using a 10-key pad. Printer optional. 26-2601 . . . . 39.95

History/Social Studies

High Motivation History Series. III• Ⓐ Includes 12 illustrated books on American history, from 1500 to the 1980's. Includes read-along audio tapes and computer activities diskettes. Requires TRS-80 AUTHOR I Lesson Presentation Package (26-2707) or TRS-80 AUTHOR I (26-1727). Compatible with Network 3 using the Network 3 Lesson Presentation Package (26-2713). 26-2645 . . . . 299.00

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History of Technology. These packages describe major technological achievements through graphics, sound effects and recorded speech. Each package includes four lessons.

Pioneers in Technology. CC Ⓖ Lessons include The Age of Flight, Space Exploration, The Electric Car and History of Computers. 26-2624 . . . . 94.95

Inventions That Changed Our Lives. CC Ⓖ Lessons include Edison's Electric Inventions, Bell and the Telephone, The Story of Railroads, and The Age of Television. 26-2625 . . . . 94.95

COMPUTER EDUCATION SERIES

BASIC Instruction

Complete packages in proven structured learning format include transparencies, notes and 25 workbooks with note-taking guide, quick quizzes and activities.

NEW! Introduction to Color BASIC. 26-2680 . . . . 350.00

Student Manual. 26-2681 . . . . 5.95

Part 1: Introduction to BASIC. I/III Ⓖ Discusses branching, graphics, subroutines, more. 26-2150 . . . . 220.00

Additional Workbook. 26-2151 . . . 3.50

Part 1: Videotape Lessons. VHS format. 26-2753 . . . . 349.00

Part 2: BASIC Programming. I/III Ⓖ Arrays, string manipulation, variables, more. 26-2152 . . . . 260.00

Additional Workbook. 26-2153 . . . 4.50

Part 3: Advanced BASIC. I/III Ⓖ IN-KEY$, ASCII set, graphics, cassette data files, more. 26-2154 . . . . 260.00

Additional Workbook. 26-2155 . . . 4.50

Part 4: DOS. I/III Ⓐ Library and utility commands. 26-2156 . . . . 299.00

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COBOL Instruction

Teaches COBOL programming on a 48K Model III/4 or a 64K Model II/12/16. With self-teaching manual and diskette with hands-on exercises. To run hands-on exercises, Model III version requires Model III COBOL (26-2203) and Model II version requires COBOL Development System (26-4703).

COBOL for Model III. 26-2702 . . . 64.95
COBOL for Model II. 26-2706 . . . 49.95
COBOL Class Notes. For classroom or self-teaching. 26-2723 . . . . 9.95

The Illustrated Computer

Introduces secondary students to machine language programming concepts and techniques. Comes with a diskette program that illustrates a simplified computer which the student programs using a simplified machine language. Requires 32K Extended BASIC Color Computer with disk drive.
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Network Pascal

A new version of Pascal (26-2211) designed specifically for use with Model III/4 and Network 3 in a classroom environment. New, enhanced features include a combined editor/compiler program that minimizes host disk access time. Pascal programs can be created at each network student station. Pascal diskettes for stand-alone Model III/4 machines are also included for use with stand-alone disk machines. Includes 16 Student Manuals.
26-2739 . . . . 799.00

Additional Student Manual. 26-2740 . . . . 14.95

Intro to Pascal

This complete, structured teaching package comes with a teacher's manual, overhead transparencies and 25 student workbooks. Provides an introduction to structured programming, editing and compiling a Pascal program, simple Pascal data types, variables, more.
26-2674 . . . . 350.00

Pascal Student Manual. 26-2675 . . . 7.95

Super Color LOGO

Helps students develop problem-solving skills while learning to program a computer. Using an easily controlled turtle symbol on the screen to create their own graphics, students gain insight into fundamental mathematical, geometric and logical concepts. Includes list processing capabilities, decimal arithmetic, improved editing and more. Other features let you control the turtle speed, change screen colors and create animation. Procedures written with Color LOGO may be uploaded or downloaded with a Network 2.

Super Color LOGO Disk Version. CC Ⓐ 26-2716 . . . . 99.00

Super Color LOGO Program Pak. CC Ⓖ 26-2717 . . . . 49.95

Super Color LOGO Network 2. Requires 32K Color Computer host, 32K student stations and Network 2 Controller. 26-2738 . . . . 299.00

Color LOGO Teacher's Book. 26-2761 . . . . 3.95

Color LOGO Parent's Book. 26-2763 . . . . 3.95

Color LOGO Lab. Includes comprehensive teacher's manual, transparencies and 25 workbooks. The Lab may be used with or without a Network 2 system. Requires Color LOGO disk (26-2721) or Program Pak (26-2722). 26-2770 . . . . . . 199.00

Color LOGO Lab Workbook. 26-2771 . . . . 2.00

DR LOGO™

Includes accurate turtle graphics, split-screen debugging, list processing capabilities, on-line help, precise math capability, upper and lower case, and a large programming workspace.

DR LOGO for Model 4. 26-2781 . . 99.95
DR LOGO for Tandy 2000. Requires 256K and high-resolution monitor. 26-2782 . . . . 125.00
DR LOGO for Tandy 1000. Requires 256K and high-resolution monitor. 26-2783 . . . . 125.00

Computer Literacy

The Computer Connection. For junior and senior high. With lesson plans, activity spirit masters, charts and filmstrip with audio cassette. 26-2663 . . . . 69.00

Computer Literacy: Computers Past and Present. For grades 4-8. 26-2755 . . . . 9.95

Careers in Computing. With 25 Student Manuals. 26-2758 . . . . 130.00

Additional Manual. 26-2759 . . . . . . 1.00

Computer Discovery™. With exercises, 25 workbooks and manual.

Computer Discovery for Junior High. III Ⓐ 26-2630 . . . . 189.95

Additional Workbook. 26-2631 . . . 4.25

Computer Discovery for Senior High. III Ⓐ 26-2632 . . . . 189.95

Additional Workbook. 26-2636 . . . 4.25

Resource Books

3ᴿᴰ Edition TRS-80 Educational Software Sourcebook. Vendor-furnished listings include descriptions of programs and important characteristics. Many include user-site references. New listings for all TRS-80 desktop computers. 26-2712 . . . . . . 9.95

Proposal Writing Guide. For educators seeking funding from an outside source, such as the Federal government or a private foundation. 26-2754 . . . . 9.95

Number Patterns. This 36-page booklet shows how to introduce sequences and series in an entertaining way using computers. 26-2752 . . . . 2.50

My TRS-80 Likes Me. Teacher's guide to helping elementary students understand and enjoy the BASIC computer programming language. 26-2751 . . . . 2.50

TRS-80 Microcomputer Handbook for Educators. This informative booklet describes what microcomputers are and how they can be used in classrooms and for administrative purposes. Discusses costs, courseware and other related subjects that are of special concern to the educator. 26-2757 . . . . 2.50

Minimum System Requirements

I — Model I   III — Model III
CC — Color Computer

Ⓐ 32K 1-Disk   Ⓖ 16K with Cassette
Ⓒ 48K 1-Disk   Ⓗ 16K Extended Basic
Ⓔ 64K 1-Disk   Ⓣ 32K Extended Basic

* Compatible with Network 3.
+ Compatible with Network 2.

EDUCATION MANAGEMENT SYSTEMS

Radio Shack Makes Courseware Development Easy

TRS-80 MicroPILOT™

III* (A) Create your own courseware or adapt it from any curriculum suitable for computer-assisted instruction. TRS-80 MicroPILOT is command-oriented. It's based on the PILOT computer language, but offers extended graphics and disk file-handling capabilities. Features one-letter commands, upper and lower case characters and branching. Includes user's manual with a reference section and a sample lesson. 26-2718 . . . . 119.95

TRS-80 Color PILOT

Color PILOT lets you mix text and high-resolution graphics. It features a built-in line editor and easy one-letter commands. Graphics operators include color, line, box, window and more. Display options include lower case characters and user-generated characters. Linking to program segments on disk is supported. Complete instruction and reference manual, with sample programs. Printer optional.

Tape Version. CC (G) 26-2709 . . . . 59.95
Disk Version. CC (A) 26-2710 . . . . 79.95

TRS-80 AUTHOR I

I/III (A) A screen-oriented authoring system that allows teachers to create computer-based lessons. Features full-screen editing, graphics, branching and automatic score-keeping option. Teacher can include a glossary, hints, feedback messages. Printed report includes scores and timings. 26-1727 . . . . 149.95

TRS-80 AUTHOR I Lesson Presentation Package. I/III (A) Presents lessons that have been created using TRS-80 AUTHOR I. Printed report includes scores and timings. (Not required if you have TRS-80 AUTHOR I.) 26-2707 . . . . 64.95

Courseware Development with AUTHOR I. Training course designed to help educators use TRS-80 AUTHOR I. Educators are guided through actual lesson creation using text, graphics and special characters. 26-2697 . . . . 350.00

Student Manual. 26-2698 . . . . 4.95

TRS-80 Network 3 Lesson Presentation Package.

III* (A) Allows you to use Network 3 to present lessons created with TRS-80 AUTHOR I. Create a lesson score file for storing performance data on diskette. Prints scores and timings with optional printer. Requires host with two disk drives and Network 3 Operating System (26-2775). 26-2713 . . . . 299.00

Game Writer

CC (A) A unique programming language for creating programs that draw pictures, produce sounds and make shapes move about on the screen. Game Writer language is easy to use—individual statements used to initiate particular actions are grouped together to form procedures. 26-2572 . . . . 44.95

Quick Quiz

I/III (A) This mini-authoring system makes it easy to create, edit, store and give multiple-choice tests in any subject area. Allows up to 40 questions with four choices per question.
26-1728 . . . . 39.95

Administrative Application Packages Aid in Record Keeping

School Administrative Software Products Series

Interactive system to help schools collect, store, retrieve and print basic student information, attendance data, student grades and scheduling information. Each program requires a Model 12 , Model 16 or Tandy 6000 with two floppy disk drives (or one floppy drive and hard disk), or a Model II with one floppy drive and hard disk. A line printer is required to produce reports. All packages except the Student Information System require a Radio Shack CR-510 Card Reader (26-1266—see below), plus the Student Information System.

Student Information System. Lets you collect, organize, retrieve and print information on the student population of your school. Construct a list of student profiles— each profile includes basic information on the student, plus your choice of information unique to your needs. Construct special lists from your information categories and print reports, mailing labels, folder labels and more. Records can be updated at any time.
26-2729 . . . . 249.00

Attendance System. Helps you keep track of attendance for those students whose names have been entered into the Student Information System. The teacher records absences on special cards, which are later read by the CR-510 Card Reader. Takes attendance on period-by-period or daily basis and calculates monthly attendance statistics. 26-2730 . . . . 330.00

Attendance Cards. Package of 500.
26-2741 . . . . 24.95

Class Roster Forms. Package of 500.
26-2744 . . . . 19.95

Individual Scheduling System. Helps you plan your master schedule, schedule students, produce schedule cards, and continue to change individual student schedules during the term whenever necessary. 26-2732 . . . . 290.00

Course Request Cards. Package of 500.
26-2743 . . . . 24.95

Student Schedule Forms. Package of 500. 26-2746 . . . . 9.95

Grade Reporting System. Grades for each class roster can be recorded on machine-readable cards, then printed on report cards. Each student's report can include academic marks, a citizenship mark, absences, and the number of credits earned in the course. Includes up to three "teachers' comments" chosen from a list of 36 comments the faculty can write themselves.
26-2731 . . . . 380.00

Report Card Forms. Package of 500.
26-2745 . . . . 9.95

Grade Cards. Package of 500.
26-2742 . . . . 12.95

REKORD™ Planner

III (C) Record-keeping system you can personalize to fit your own data management needs. File student data, print out student and school information and generate reports.

Administrator. 26-2725 . . . . 499.00
Counselor. 26-2726 . . . . 499.00
Special Programs. 26-2727 . . . . 499.00

CHAMPS™: A Football Scouting Program

I/III (C) Store and analyze scouting information on your opponent's offense. Includes ten CHAMPS Scouting Manuals which allow even inexperienced scouts to collect data. Requires 132-column printer. 26-2703 . . . . 149.95

Additional Scouting Manuals. Package of 10. 26-2708 . . . . 39.95

Speed Tasks with a Computer Card Reader

CR-510 Card Reader. Use with School Administrative Software (above) to speed grading, attendance recording, administrative and scheduling chores. Single, demand or continuous feed operation. Cards can be marked or punched for reading. Includes owner's manual, diagnostic test card, 200 cards and diskette with COBOL and BASIC driver routines. Requires cable and Tandy/Radio Shack computer with RS-232C port.
26-1266 . . . . 1595.00

General Purpose Standard Cards. 40-column with timing marks. 500 cards.
26-1241 . . . . 9.95

1595⁰⁰

NEW MODEL 4D WITH DESKMATE™

Two Built-In Double-Sided Drives for 736K of Disk Storage

NEW FOR '86 **1199⁰⁰** Low As $55 Per Month on CitiLine *

- Includes DeskMate™ Disk Software for Word Processing, Electronic Filing, Spreadsheet Analysis, Telecommunications, Calendar/Alarm and Electronic Mail
- 64K Internal Memory—Expandable to 128,000 Characters

Model 4D with DeskMate. The perfect desktop computer for busy managers, professionals, educators and home users. The Model 4D even comes with valuable DeskMate software on diskette, featuring the applications today's computer user wants most. Plus, because a huge software library is already available, the Model 4D can be used for forecasting, word processing, data base management, computer-assisted instruction, program development and for thousands of other applications.

Self-Contained and Expandable. The Model 4D is a stylish, self-contained desktop unit with a 12″ built-in 80 × 24 display. A parallel printer interface is included. And the Model 4D expands easily to meet your growing computing needs. Add more memory, one or two more floppy drives and a hard disk.

Software Flexibility. The Model 4D runs most TRSDOS® and LDOS software designed for the Model 4 and 4P, as well as for Model III/I (in the Model III mode). That means a large software library is already available.

Easy to Use. Simply add ready-to-run programs for word processing, spreadsheet analysis, data base management and much more and Model 4D is ready to go to work. The two built-in, double-sided disk drives provide 736K of storage (368K each) and has a built-in RS-232C Serial Interface to access information networks by phone (requires modem and cable). Three programmable function keys (F1, F2 and F3) let you take advantage of program-designated operations.

Advanced Features. The TRSDOS 6 operating system allows you to turn extra memory into a superfast disk drive. This "MemDisk" feature allows for keystroke-quick responses instead of time-consuming disk access. A software print spooler lets you print one job while working on another. You can custom-tailor print-outs with the forms command. A Job Control Language makes it possible to set up a whole series of operations that Model 4D can perform unattended. A host/terminal package makes computer communications easy. There are more features for serious programmers, too, such as routing, linking and filtering.

Add our Double Duty utility (26-2231) and you can load two different application programs at once and move back and forth between them.

Complete Documentation. Model 4D comes with Microsoft Disk BASIC and TRSDOS 6 operating system, an owner's manual, reference card, programming manual, and an introductory booklet to help start you computing immediately. U.L. listed. 26-1070 (Avail. 10/31/85) . . 1199.00

SPECIFICATIONS. Microprocessor: 4MHz Z-80A (2 MHz in Model III mode). **Memory:** 14K ROM, 64K RAM expandable to 128K (provides for disk drive emulation in RAM). **Keyboard:** 71-key typewriter-style with datapad, plus control, caps and 3 programmable function keys (F1, F2, F3). **Video Display:** 80 × 24 (Model 4 mode), 64 × 16 (Model III mode), or double-width 40 or 32 characters per line. Upper and lower case and reverse video (Model 4 mode). 96 text, 64 graphics and 96 "special" characters. **Language:** Microsoft 5.0 BASIC. **Sound:** Obtainable from BASIC. Toggled "keyclick". **Disk Drives:** Two built-in double-sided 368K 5¼″ drives. **External Connections:** Cassette operation at 500/1500 baud Parallel printer port. RS-232C serial port (2-Disk version only). Buffered input/output bus. **Dimensions:** 12¹/₂ × 18⁷/₈ × 21¹/₂″. **Power:** 120VAC, 60Hz.

DESKMATE FOR MODEL 4 OWNERS

The New Model 4D Comes with DeskMate™ Software, and it's Also Available for the Model 4 or 4P for Only $199⁹⁵

- Six Popular Applications that Today's Computer User Wants Most —All on One Disk
- Text Processing for Preparing Correction-Free Reports, Memos, and Correspondence
- Convenient Electronic Filing Program
- Electronic Spreadsheet Lets You Make Countless "What If . . . ?" Calculations
- Telecommunications Program Lets You Communicate with Other Computers and Information Services
- Calendar/Alarm ■ Electronic Mail

Monthly Calendar — Daily Appointment Book — Menu of Files in Six Different Applications — Quick Reference of Commands

DeskMate puts your Model 4D to work right from day one with word processing, spreadsheet analysis, electronic filing, telecommunications and electronic mail. DeskMate is extremely user-friendly. Each day you'll be greeted by a menu that displays a calendar, appointment schedule and a list of each file you have stored.

TEXT. Word processing made simple. Control-key editing features make it easy to compose and edit text right on the screen. Then print correction-free copies as often as you wish with an optional printer.

WORKSHEET. This electronic spreadsheet uses simple "plain English" entries to make complex calculations instantly. View countless "What if . . . ?" situations in seconds. You can print all or a portion of your spreadsheet. It's perfect for everything from personal finance to marketing.

FILER. Create a name-and-address file, small inventory list and more. Simple commands let you create and find files easily. You can sort files by one or more fields and print your files in any order you wish.

TELECOM. By adding a telephone modem, DeskMate lets you communicate with a host computer, information service or another terminal. Information you receive can be printed or stored on disk-

ette. You can also send files to other computers. TELECOM will even dial the phone number of anyone listed in FILER—at the touch of a key.
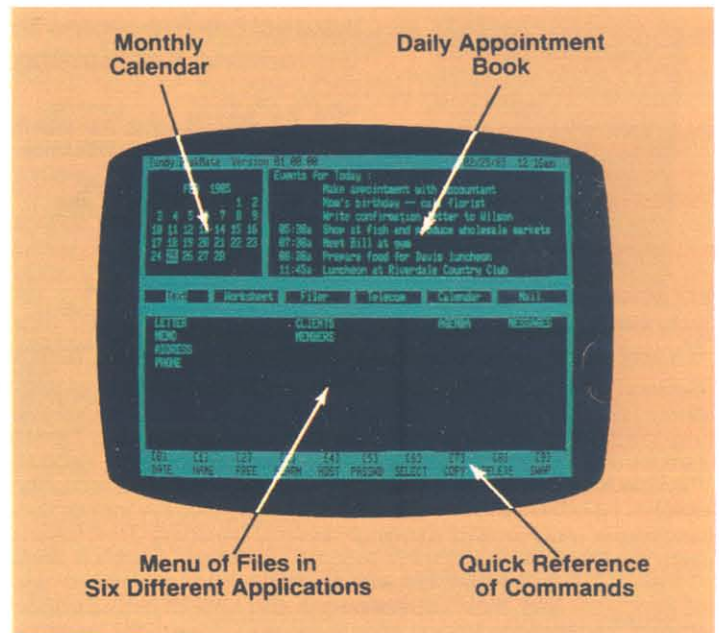
CALENDAR. Set up an agenda for a month, as well as your daily appointment calendar. Finding, adding and deleting events is easy. And you can also place events in an alarm file that will sound an alarm through the Model 4D's built-in speaker to remind you of appointments.

MAIL. This special program lets you send and receive messages to and from other DeskMate users over the phone.

NEW! DeskMate for the Model 4/4P. 26-1608 . . . . 199.95

Increase the Versatility of Your Model 4/III/I Computer

Expansion Options

New Low Price! Model 4 Internal Disk Drive 0. Includes a 184K, 5¼" double-density disk drive with TRSDOS 6 operating system, Disk BASIC and manual. Was $499.95 in Cat. RSC-14.
26-1127 . . . . 399.95*

New Low Price! Model III Internal Disk Drive 0. Includes TRSDOS, Disk BASIC and manual. Was $499.95 in Cat. RSC-14.
26-1162 . . . . 399.95*

New Low Price! Model III/4 Internal Disk Drive 1. Was $239.95 in Cat. RSC-14.
26-1163 . . . . 149.95*

External Disk Drives. Each drive adds 184K of data storage to your Model III or 4. Uses 40-track 5¼" diskettes. Internal Drive #0 required. U.L. listed.

Drive 2. 26-1164 . . . . 319.95

Drive 3. 26-1161 . . . . 279.95

New Low Price! Model 4 64K RAM Kit. Expands 64K Model 4 to 128K. Required for Model 4 cassette-to-disk upgrade. Extra memory not accessible by BASIC. Was $79.95 in Cat. RSC-14.
26-1122 . . . . 69.95*

New Low Price! Model 4 Upgrade Kit. Converts Model III disk computer to a Model 4 disk system (except for cabinet). Includes new keyboard, 64K RAM, TRSDOS 6 diskette with Disk BASIC. Was $799.95 in Cat. RSC-14.
26-1123 . . . . 399.95*

New Low Price! Model III/I 16K RAM Expansion Kit. Was $49.00 in Cat. RSC-14. 26-1102 . . . . 29.95*

New Low Price! Model III BASIC and 16K RAM Kit. Upgrades 4K Level I to Model III BASIC. For Model III only. Was $149.00 in RSC-14. 26-1121 . . . . 129.95*

*Installation required (not included)

High-Resolution Graphics

New Low Price! Model 4 High-Resolution Graphics. An easy way to create business graphs, tables, charts, maps, animation and more. 640 × 240 resolution. Requires a minimum 64K 1-Disk Model 4. Installation required (not included). Was $249.95 in Cat. RSC-14.
26-1126 . . . . 219.95
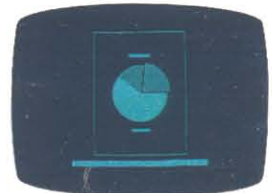
New Low Price! Model III High-Resolution Graphics. Requires 48K 1-Disk Model III. Was $179.95 in Cat. RSC-14. 26-1125 . . . . 99.95

Communications Hardware

New Low Price! Model III/4 RS-232C Serial Communications Board and Cable. Allows you to communicate with information networks and other computers by telephone. Send/receive electronic mail, access bulletin boards and much more. Requires modem and software. Installation required (not included). Was $99.00 in Cat. RSC-14.
26-1148 . . . . 79.00

Model III/4 Hard Disk Kits

Each kit includes cable, software and manuals for use with either our 15 or 10-Megabyte Hard Disk System. Requires 48K 1-Disk Model III or 64K 1-Disk Model 4.

15-Megabyte Model III Kit. 26-1133 . . . . 99.95

15-Megabyte Model 4 Kit. 26-1134 . . . . 79.95

NEW! Model 4 10-Megabyte Controller.
26-1138 (Avail. 12/15/85) 449.95

MODEL 4/III/I BUSINESS SOFTWARE
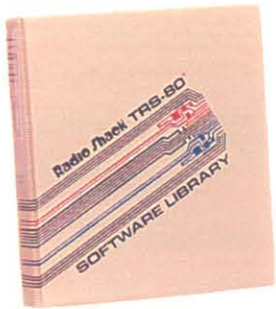
Interactive Programs to Streamline Accounting

199⁹⁵ Each

Low As $20 Per Month on CitiLine ★

- Get Increased Speed, Efficiency and Accuracy with Computerized Bookkeeping
- Interactive Programs Give You Greater Control

Team Up These Programs for Super Efficiency

General Ledger. III/4 (D) Makes small business accounting procedures faster and easier. Maintains accurate records of all bookkeeping transactions and provides a balanced ledger. Use General Ledger alone or interface with the Accounts Receivable, Accounts Payable and Payroll programs for a complete, interactive accounting system. Handles up to 100 accounts and 1150 monthly transactions. Generates easy-to-read financial reports, including Trial Balance (with or without a worksheet), Income Statement, Balance Sheet, General Ledger, Account List with all accounts (or a specified range of accounts) and their current-period and year-to-date balances, Posted Transactions Report and Unposted Transactions Report for the current period. Computes up to five levels of totals and two levels of headings for financial statements. Provides each account's end-of-period balance for the previous fiscal year's 12 periods, as well as each account's end-of-period balance for all complete periods of the current fiscal year. Lets you compare current year figures with previous year figures on the same balance sheet or income statement. 26-1540 . . . . 199.95

Accounts Receivable. III/4 (D) A balance forward system which provides rapid and accurate monitoring of sales and incoming funds. Interfaces with General Ledger above—all transactions are summarized and the totals are automatically posted to General Ledger. Offers seven standard General Ledger accounts, plus 10 user-definable accounts. Handles up to 2000 transactions per month with up to 150 customers on file. Reports include Unposted Transactions, Posted Transactions, Customer List, General Ledger Account List and Aging Report on selected customer accounts. Offers optional use of minimum payment amount on statements, and optional late charge processing (compounding option also available). You can print mailing labels, statements, an Aged Trial Balance for audit purposes and a General Ledger report. 26-1541 . . . . 199.95

Accounts Payable. III/4 (D) Automatically posts transactions and payments to General Ledger program. Handles up to 1100 transactions, 75 vendors, five General Ledger expense distributions per invoice and 14 invoices per check. Includes four General Ledger accounts, plus 10 user-definable accounts. Calculates due dates, discount dates and discount amounts by vendor payment terms. Prints Unposted Transactions List, Transaction Posting Report, Vendor List, Open Items List, Cash Requirements Report, Vendor Mailing Labels, G/L Account List, G/L Distribution Report, Check Review Report (for verification before check printing), Checks, Check Register and Payment Posting Report. 26-1542 . . . . 199.95

Invoice Writer. III/4 (D) Provides a rapid and accurate method of creating invoices using the up-to-date information contained in the Accounts Receivable system. Automatically computes taxes and discount rates that are defined by you. Requires Accounts Receivable (26-1541). Interfaces with ICS (26-1545). 26-1544 . . . . 49.95

Payroll. III/4 (D) Tracks earnings, deductions and taxes for each employee, as well as employer contributions such as FICA, FUI, SUI and more. Interfaces with the General Ledger program. You can customize your system in accordance with local, state and federal tax laws. Processes up to 80 employees, each with up to nine earnings and nine deductions categories. Handles payroll tasks for up to three states simultaneously. Earning/Deduction types allow changing amounts for employees, taxed or exempt. Also define categories for FLSA and EEOC reporting, keep historical records by period, quarter and year, and more. Print payroll checks with optional printer. 26-1543 . . . . 199.95

W-2 Writer. III/4 (D) For use with the Payroll system above. Using the information already collected on the Payroll data diskette, W-2 Writer saves you time by printing W-2 forms customized to fit your needs. 26-1539 . . . . 49.95

NEW! Bar Code Utilities. 4 (E) Scan bar codes using a bar code wand and a Model 100 or Tandy 200 portable computer, then transfer this data to a Model 4. Files can be edited and appended to an existing file. Compare inventory list to physical count. Records sales, shipping and receiving. 26-1535 (Avail. 11/15/85) 49.95

Inventory Control. 4 Designed to make inventory control easier and more accurate. Produces a reorder report showing items below designated reorder level, plus an on-hand listing of items. Prints ten major reports, plus nine custom reports designed by you. Prints purchase orders and labels. Allows physical inventory count to be taken by cycle and lets you automatically reorder stock. Provides customized reports using the SORT utility. Processes up to 100 vendors, 50 purchase orders, 1200 inventory items and 350 purchase order line items. Requires 3 floppy drives. Model 4P requires hard disk. 26-1545 . . . . 199.95

NOTE: Three disk drives required to interface programs. All programs require a printer capable of printing 132 columns or an 80-column printer capable of printing 132 columns in condensed format.

COBOL Query. III/4 (D) Retrieve desired information from COBOL data files. Enter a query by specifying the file and fields from which you want to retrieve data and the selection criteria (if any). Use Query with General Ledger, Payroll, Accounts Receivable, Accounts Payable, Inventory Control, Multiplan and SCRIPSIT. 26-2026 . . . . 149.95

More Quality Disk Programs for Business People and Managers

Apartment Management System. 4 (F) An efficient and easy-to-use system designed to provide property owners and managers with rapid and accurate monitoring of apartment complexes. Maintains a history of prior payments for each apartment. Divides monthly rental charges into user-defined categories. Produces many financial and problem reports on request. Provides a printout of all transactions that can be used as an accounting audit trail. Provides month-end income totals. Maintains a history of repair orders and other notes regarding maintenance on apartments. Stores up to 450 apartment units on each diskette. Prints mailing labels. Requires Model 4 with three floppy drives or Hard Disk. 26-1538 . . . . 299.95

Manufacturing Inventory Control. I/III (B) Handles up to 1900 raw materials, up to 20 finished goods per diskette. Prints bill of materials, material requirements, pull sheets, finished goods list, inventory worksheets, "where used" reports and more. 26-1559 . . . 199.95

Business Checkwriter™. III (D) Ideal for small business! You get a check writer, a detailed check stub for paying multiple invoices, and a bank reconciliation system. Handles multiple accounts individually, 100 payees, 100 expense categories and 375 total checks and deposits per period. Records handwritten checks and multiple daily deposits. Maintains current bank total. Check stub details discounts and expenses. Prints checks, detailed stubs, check register, expense and payee-to-date summaries, payee lists and expense list. Requires printer. 26-1585 . . . . 149.95

Real Estate Finance. III (D) Ideal for the agent, investor, broker, lender or appraiser. Features Complete Mortgage, Equity, Present Worth and Building Developmental Analyses, as well as Rate of Return, Income and Expense Projections and more. 26-1579 . . . . 99.95

DISK SOFTWARE FOR MODEL 4/III/I

Data Base Management Systems

Profile® 4 Plus Filing System

4 (D) Create your own personalized electronic filing system! You can store almost any type of information, then retrieve it at the touch of a key. Managers can keep track of price lists, business inventories, vendor and customer records, personal projects and more! And this enhanced version of Profile for the Model 4 has many new features that make it easy to develop your own specialized system. A full-screen Define Files program makes it easy to create and change fields, even after the file is expanded. Sort and select records by any field in any segment of the file. And sorting is extended over all available disk space—not just RAM. Features indexing for faster sorting and selection. Sort by up to five fields—in ascending or descending order—to a maximum of 85 characters. And you can select records using up to 16 different search criteria. Mass operations are accessed via indexes, as well as the regular scan operation. Indexes for report and label printing, and SuperSCRIPSIT and VisiCalc selections. A built-in math package can perform arithmetic operations—such as calculating taxes, extensions and totals—among several fields and then update another field automatically. Stores up to 700 records of 255 characters in length on a 2-disk data base, 2900 with 4 disks. Create up to 36 different reports and 36 different sets of mailing labels for each file. Design reports and labels up to 200 characters across and 99 print lines down. Up to ten different screen formats for each file. Up to 36 SuperSCRIPSIT and VisiCalc spin-off file formats per file for reports and form letters. Comes with easy-to-understand tutorial manual.
26-1635 . . . . 249.95

Profile Plus

Profile III Plus. III (D) Stores up to 700 records of 255 characters in length on a 2-disk data base, 2100 with 4 disks. Create 99 fields per record. 26-1592 . . . . 199.00
Profile. I/III (A) 26-1562 . . . . 39.95
Hard Disk Profile III Plus. III (C)
26-1593 . . . . 299.00

pfs:file

pfs:file. 4 (E) See page 36 for complete program description.
26-1518 . . . . 124.95
pfs:file. III (D) Contains all the features of the Model 4 version, but adapted for the Model III (64 × 16 display).
26-1515 . . . . 124.95
pfs:report. 4 (E) Produces presentation-quality tabular reports from files created with pfs:file. Sort from any data category and calculate averages, totals and more. Prints in alphabetical or numeric order. Automatic centering and justification. 26-1517 . . . . 99.95
pfs:report. III (D) Same as above, but adapted for the Model III.
26-1516 . . . . 99.95

Save Time with Our "Manager Series"

Time Manager. III (D) A personal calendar/reminder and electronic notebook. Helps you organize your time and business information, and creates permanent records.
26-1582 . . . . 99.95
Project Manager. III (D) Graphically displays a project in different ways to allow evaluation and scheduling. View project by time, sequence, personnel, materials or resources.
26-1580 . . . . 99.95
Personnel Manager. III (D) Organizes employee information, including schedules and salaries, plus business contacts and clients. Files can be searched by person, company, product or service. Prepares telephone and mailing lists.
26-1581 . . . . 99.95

Minimum Hardware Requirements

III = Model III	(A) 32K 1-Disk (D) 48K 2-Disk (G) 128K 2-Disk
I/III = Model I or III	(B) 32K 2-Disk (E) 64K 1-Disk
4 = Model 4 Only	(C) 48K 1-Disk (F) 64K 2-Disk

*Requires 3-disk system on Model I with SuperSCRIPSIT

Word Processing Packages

SuperSCRIPSIT®

4 (E) Our most powerful word processing program, with all the features of Model 4 SCRIPSIT (see page 36) and more. Includes true proportional-spaced printing, multiple line spacing (including half-space), and "save and recall" multiple paragraph formats. Displays full 80 × 24 format with reverse video to help in editing. Features align tabs, automatic pagination and user definable print codes. Supports underline, double underline, boldface, super and sub-scripts, and multiple column printing (depending on the printer). Includes self-paced training course on audio cassettes, training manual, reference manual and reference card. Requires printer.
26-1595 . . . . 199.00
SuperSCRIPSIT. I/III (C) Includes all of the features of Model 4 SuperSCRIPSIT, but in a 64 × 16 display format and no reverse video. 26-1590 . . . . 199.00

New! SCRIPSIT PRO

4 (G) Similar to SuperSCRIPSIT (above), but with these additional features: windows for viewing two documents simultaneously, chaining of document modules, boilerplating, footnoting, manipulation of columns of text, and access to DOS commands from within the program. 26-1601 (Avail. 11/15/85) 249.95

SCRIPSIT®—The Original!

SCRIPSIT. 4 (E) See page 36. 26-1596 . . . . 99.95
SCRIPSIT. I/III (A) 26-1563 . . . . 99.95

SCRIPSIT Spelling Dictionary

4 (E) Automatically checks text prepared with Super-SCRIPSIT for misspellings. Contains 73,000 words. Add your own user list, too. 26-1600 . . . . 99.95
SCRIPSIT Spelling Dictionary I/III* (D) For text material prepared with SCRIPSIT, SuperSCRIPSIT or ASCII files. 26-1591 . . . 99.95

Spreadsheet Analysis Programs

Multiplan

4 (E) An incredibly easy-to-use decision-making tool that supports 128K memory for larger spreadsheets. Multiplan lets you consolidate related worksheets so that information is transferred between them automatically. All prompts are full length words or phrases. Plain English names can be assigned to any column, cell or area. If you have any questions, an On-Line Reference Guide knows where you are in Multiplan and offers information related to your problem. With Multiplan, up to eight display windows can be created on the screen simultaneously. Sorting can be performed in alphabetical or numeric order. Vary individual column widths, center numbers and text within a column and align decimals. Format your own reports, too. Multiplan can also directly utilize your current VisiCalc files. Includes tutorial manual. 26-1530 . . . . 199.00

Enhanced VisiCalc

4 (E) This versatile management and engineering planning tool takes advantage of Model 4's 128K memory capacity and 80 × 24 display. You simply define the formulas, enter the figures and VisiCalc performs all calculations automatically. Change any value or formula, and VisiCalc instantly up-dates every related number! You can view countless "what if . . . ?" situations in seconds. Enhancements include an entry editor to modify formulas and labels without re-entering them, and logical and relational operators to perform testing and branching. Optional printer allows printing of any portion of your worksheet. 26-1520 . . . . 99.95
Enhanced VisiCalc. III (C) All the features of the Model 4 version (above) except screen display is 64 × 16 and memory capacity is 48K. 26-1569 . . . . 99.95

Target PlannerCalc

4 (E) An easy-to-use electronic spreadsheet for the TRS-80 Model 4. See page 36 for complete program description.
26-1512 . . . . 99.95

COMPLETE BUSINESS SOFTWARE SET

Target PlannerCalc

4 (E) Easy-to-use PlannerCalc lets you complete electronic spreadsheets without learning to program. Create your own financial models by entering and processing data by column, row or individual location. Features a variety of mathematical operations, including conditional commands. Prompts are in plain English and a handy "Help" screen is available at the touch of a key.
26-1512 . . . . 99.95

Disk SCRIPSIT®

4 (E) Prepare correction-free memos, letters, reports and manuscripts on the screen in an 80-character by 24-line format. Editing features let you delete, insert and move blocks of text easily. Then print as many correction-free copies as you need with an optional printer. Includes a "global search" function to find phrases or sentences you want to edit or delete. Also features reformatting, hyphenation, centering, automatic headers and footers, justification, margin and tab settings, automatic page numbering and more. With manual and quick reference card.
26-1596 . . . . 99.95

pfs:file for Electronic Filing

4 (E) Organize your records in a system you design to your specifications! You decide how your records are to appear by organizing information on electronic "forms" that you design right on the screen. Store, retrieve and review information in a fraction of the time it would take with a paper filing system.
26-1518 . . . . 124.95

pfs:report. 4 (E) Produces reports from files created with pfs:file. See page 35 for complete description.
26-1517 . . . . 99.95

Formation Forms Management System

199⁹⁵

Formation Ends the Bother of Time-Consuming Pre-Printed Forms

- ■ **Aligns Copy Perfectly for Any Business Form**
- ■ **Allows Editing for Error-Free Printing**
- ■ **Stores Form Formats for Repeated Use**

4 (F) With Formation, you can disregard the sometimes confusing order of questions on tax, medical and insurance forms, answering questions in the order you choose. Enter frequently used data just once—Formation will print it as needed. Formation's editing capabilities let you change information from form to form without re-entering it, and when you're done, Formation will print your answers with pin-point accuracy. Formation also follows up to 16 running calculations and verifies your answers, prints answers in different formats automatically, and prints bold, uppercase, lowercase, underlines and variable line spacing without resetting the printer. Requires Daisy Wheel II, DWP 510, DWP 410 or DMP 2100/2100P printer.
26-1527 . . . . 199.95

Business Graphics Analysis Program

174⁹⁵

- ■ **Supports Hi-Res Graphics Board**
- ■ **Create Sophisticated Charts**

III (D) Perfect for corporate planners, analysts and managers. Turns complicated numeric data into easy-to-understand charts and graphs. Select pie, bar, line or scatter charts, supply the data and the program quickly displays your graph on the screen. Allows editing of titles and labels before printing. Enter data from keyboard or disk files using VisiCalc.
26-1597 . . . . 174.95

Powerful Operating Systems and Helpful Utilities

PowerTool for TRSDOS and LDOS

I/III (C) A flexible, powerful utility package. PowerTool contains utility routines that allow you to directly examine and modify diskettes written in any version of TRSDOS or LDOS, restore many unreadable diskettes to a readable condition and format or backup all or part of a diskette. Great for copying programs between TRSDOS and LDOS.
26-2022 . . . . 49.95

CP/M Plus Operating System

4 (F) Designed for the business user, CP/M Plus allows you to choose from a wide variety of programs, including popular word processing, spreadsheet analysis and data base management programs. CP/M Plus is easy to learn and includes a handy HELP utility. Upwardly compatible with CP/M 2.2. Includes a high-performance file system. CP/M Plus automatically logs in a disk when it detects a media change. For easy file selection, CP/M Plus allows the user to record two entries for time and date for each file. No additional hardware required.
26-2216 . . . . 149.95

CBASIC for Business Programming

4 (F) A business language that complements program development under CP/M Plus. Works as a compiler/interpreter, using random access memory better. CBASIC provides two types of files for maximum flexibility: fixed record length files and stream input/output files. Includes native code compilation, relocatable code, debugging capabilities, cross reference lister and more.
26-2217 . . . . 99.95

TRSDOS 6.2 Utilities

4 (E) Includes Quick Format and Backup, to make a backup in less than one minute; The BASIC Answer, which allows the use of labels rather than line numbers in BASIC programming; MOD 324, to simplify conversion of Model III BASIC programs to Model 4 BASIC; UNKILL, to recover killed programs; BSORT, to sort from BASIC with tag variables; and COMP, to compare two disks or files for a match. Requires TRSDOS 6.2.
26 215 . . . . 39.95

LDOS 5.1 Operating System

III (D) LDOS is an advanced operating system with features and enhancements not found in TRSDOS. LDOS lets you read diskettes on Models I, III or 4. Also includes a Job Control Language to control an unattended computer, a terminal utility, printer spooling and more. Most Radio Shack software is supported under LDOS (documented with purchase).
26-2214 . . . . 129.95
For Model I. 26-2213 . . . . 129.95

MORE DISK SOFTWARE FOR BUSINESS

TK!Solver Electronic Worksheet

299⁹⁵
Low As
$20 Per Month
on CitiLine ★

- Quickly Solves Problems with Complex Equations
- Use by Itself or with Optional SolverPacks

TK!Solver. Makes it easy to solve mathematical problems. You simply enter one or more equations and then the program solves them. All the tools needed for problem-solving are built into the program, including mathematical functions, facilities for converting units of measurement and the ability to produce graphs and tables (with optional printer). TK!Solver can solve a broad range of problems using models and equations with variables of known and unknown values. Given a model and known values of variables, the TK!Solver program solves for as many unknown values as is possible. The program's problem-solving ability is powerful and versatile enough to apply to many fields, from financial planning to architectural design to chemical analysis. You can also use it in conjunction with the SolverPacks below for special applications. Requires 128K Model 4. 26-1630 . . . . 299.95

Finance SolverPack. For use with TK!Solver for problems in financial analysis. The topics include compound interest, net present value, level debt service, cost of equity capital, analysis of financial statements, stock option pricing, bond swaps, convertible debt and bond refunding decisions. Requires TK!Solver (above).
26-1631 . . . . 99.95

Science SolverPack. Covers a wide range of topics in introductory science at a level comparable to American secondary schools. Covers topics in chemistry, biology, physics, thermodynamics and population studies. Requires TK!Solver (above). 26-1632 . . . . . . 99.95

Mechanical Engineering SolverPack. The topics include analysis of elastic beam bending, springs, area moment of inertia, Mohr's circle, rotational systems, heat transfer, fluid flow and hydraulics. Requires TK!Solver (above). 26-1633 . . . . 99.95

Construction Estimator

4 Provides builders, appraisers, real estate developers and insurance adjustors with time-saving and competitive building information. Includes three templates for use with VisiCalc (see page 31) on one diskette: Quantity Survey (cost) Method, Square Foot Method and Unit-in-Place Method. Estimates construction costs, property values and individual component costs.
26-2025 . . . . 49.95

Micro/Courier®

III D Send and receive electronic mail quickly, inexpensively and reliably! MICRO/Courier lets you send any TRSDOS file you can store and access with your computer to any other personal computer with the same communications protocol. Or access information services like Dow Jones News/Retrieval or CompuServe. Includes "unattended" mode that allows automatic dialing after business hours for reduced rate. Requires Modem II and RS-232C interface.
26-1589 . . . . 149.95

Business Forecasting Template

III C Now you can generate financial reports based on your VisiCalc spreadsheets. Produce easy-to-read income statements, balance sheets, cash flow, financial ratios, sales and cost of goods for multiple products, salary worksheets, asset and depreciation schedules. Requires VisiCalc (see page 35).
26-1521 . . . . 99.95

Business Analysis with Desktop/Plan-80

III C Analyze probable results of business decisions. This sophisticated financial planning program guides you from model development to printing high-quality reports. Consolidates sub-models into one summary model, transfers several budgets to a summary budget, reads VisiCalc files to produce reports and more. Plots points for line charts and automatically formats printed reports (with optional printer). 26-1594 . . . . 199.00

Access a World of Agricultural Information

399⁰⁰
Low As
$20 Per Month
on CitiLine ★

- Now Comes with 12 Months Basic Service and 1 Complimentary Hour Connect-Time
- 24-Hour Worldwide Marketing News
- Local and State Weather and Alerts

AgriData. III C Access the latest agricultural maketing, finance, news, weather, general business and production information from the Agridata Network (formerly the AgriStar service). All you need is a Model 4 or Model III and a telephone interface. Includes a user's manual with quarterly updates, a reference flip chart, a subscription to Farm Futures magazine, a newsletter and a toll-free 24-hour support service from AgriData Resources.
26-2227 . . . . 399.00

AgDisk Agricultural Software

Farm Accounting. III D Make record-keeping easier and faster! You can have double-entry accuracy with the ease of a single-entry function, using either cash or accrual basis. Six preselected account lists cover most farm or ranch operations to help save you time. In addition, you control the length of an accounting period, all report headings, the sequence in which reports are printed and much more. 26-1546 . . . . 499.00

Financial Management. III C Includes five programs, each dealing with a different area of money management. The Land Purchase Analysis program lets you make an in-depth cash flow study before any purchase is made. Other programs include Depreciation Scheduling, Farm Profit Analysis, Loan Cost Calculator and Interest Income Calculator. 26-1547 . . . . 99.95

Machinery Management. III C Track vital information about your farm machinery. You can calculate the total fixed and variable costs of virtually any piece of machinery. Determine total operating costs per year, per acre and per hour, plus a breakdown of costs for depreciation, interest, taxes, insurance, housing, labor and repair. 26-1548 . . . . 99.95

Corn/Soybean Management. III C Contains five programs to determine combine efficiency, estimate yields, figure planter settings and more. 26-1549 . . . . 99.95

AgDisk software packages require an 80-column printer.

Time-Saving AgDisk VisiCalc Templates

AgDisk makes the popular VisiCalc "electronic worksheet" program (described on page 35) easy to use for agricultural applications. The templates automatically load your headings and formulas.

Business Management. III D Templates for depreciation, land purchase, business analysis, credit line, installment loan, investment payback and net present value. 26-1610 . . . . 69.95

Cow-Calf Herd Management. III D Includes templates for beef cow-calf, cattle weaning, yearling weight, bull test records, gestation calendar, metabolizable protein and urea fermentation potential, and ration formula. 26-1611 . . . . 69.95

Crop Management. III D Includes templates for grain marketing, grain yield, corn yield, gross margin, hybrid selection, growing days, field calculations, lime recommendation, pivot application, fertilizer needs and cost. 26-1612 . . . . 69.95

Feedlot Cattle Management. III D Templates for cattle feeder, higher grade, steer marketing, carcass evaluation, cattle net energy, metabolizable protein and urea fermentation potential, protein supplement and ration formulation. 26-1613 . . . . 69.95

Minimum Hardware Requirements

Ⓐ 32K 1-Disk	Ⓓ 48K 2-Disk	III = Model III
Ⓑ 32K 2-Disk	Ⓔ 64K 1-Disk	I/III = Model I or III
Ⓒ 48K 1-Disk	Ⓕ 64K 2-Disk	4 = Model 4 Only

GET THE MOST FROM YOUR MODEL 4

Amazing DoubleDuty Utility Makes Your Model 4 Work Like Two Computers!

69⁹⁵

- Lets You Load Two Different Programs at Once
- Move Back and Forth Between Programs Without Reloading
- All Information You Enter Remains Intact for Both Programs—Even While You Move Between Them
- Retains All TRSDOS and BASIC Commands While in Use

DoubleDuty. Divides your computer's 128K memory into three complete and independent partitions. Partition 1 and 2 each operate like a 64K Model 4. You can load and execute any Model 4 program designed to run on a 64K system into each partition. You can also run BASIC or TRSDOS commands in either partition. In addition, you can use Partition 3 to execute TRSDOS library commands. It's like having two separate Model 4's! Since most Model 4 programs require no more than 64K, DoubleDuty takes advantage of your system's increased memory capacity. And because DoubleDuty takes up almost no memory itself, it is able to more than double the system's operating potential. For example, you could load the SCRIPSIT® word processing program in Partition 1, and an electronic filing program in Partition 2. While typing a document in SCRIPSIT, you discover that you need data stored in the file

Get 64K Memory for One Program, 64K for Another Program, and 16K for TRSDOS Commands

program—you simply move to the file program, find the information, and return to SCRIPSIT. You may reference the TRSDOS directory for information—all without disturbing your document. Designed to use your full memory capacity for convenience and speed. Requires 128K Model 4 or a Model III modified with Model 4 Upgrade Kit (26-1123) and the Model 4 64K RAM Kit (26-1122). DoubleDuty may not be compatible with all Model 4 programs. Communications may not be used with DoubleDuty. 26-2231 . . . . 69.95

Advanced Programming Languages for Model 4/III/I

Assembly Language Development System. III/4 Ⓓ Powerful package that's a necessity for the assembly language programmer. With full screen Editor, Assembler with sorted cross-reference listing, Linker for creating an absolute file, automatic File Transfer, and Debug modules. Offers numerous important and helpful features and includes TRSDOS 6 and Model III TRSDOS 1.3 support. 26-2012 . . . . 149.00

Editor/Assembler, Series I. I/III Ⓐ Allows advanced programmers to program in Z-80 assembly language. Includes editor/assembler, sample programs and extensive 255-page manual—including detailed descriptions of the Z-80 mnemonics. 26-2013 . . . . 34.95

Assembly Language Tutor III. Learn the fundamentals of Assembly language programming in 27 easy-to-understand lessons. Includes a 200-page instructional manual and a special editor/assembler monitor. 26-2018 . . . . 69.95

BASCOM-4. 4 Ⓕ Feature-packed for fast compilation of Model 4 BASIC programs. BASIC compiler lets you execute faster than the same interpreted programs, and require less memory. Includes compiler, linker routine library and run-time package. Source-code security is provided. 26-2218 . . . . 195.00
BASCOM. III Ⓓ 26-2210 . . . . 195.00

FORTRAN-4. 4 Ⓕ Write programs in FORTRAN using EDIT-80, a powerful editor with commands for interline and intraline editing. Compiler reads your FORTRAN source program from diskette, translates it into relocatable object code and saves it on diskette. Linker lets you input the relocatable object program, execute it and save it on diskette as a TRSDOS command file. Assembler lets you create relocation assembly language subroutines that you can link to your FORTRAN programs. Includes 250-page manual. 26-2219 . . . . 99.95
FORTRAN. III Ⓓ 26-2200 . . . . 99.95
FORTRAN. I Ⓓ 26-2201 . . . . 99.95

COBOL-4. 4 Ⓕ Based on the ANSI '74 standard, COBOL is an English-oriented programming language designed primarily for developing business applications on computers. Features single-step compiler multi-key ISAM, COBOL editor and DEBUG. A listing of the program is generated showing the original source statements, error information, data allocation, interactive DEBUG information and optional cross-reference of all program labels and data items. Includes 297-page manual. 26-2190 . . . . 199.00
COBOL. I/III Ⓓ 26-2203 . . . . 199.00

BFBLIB BASIC Routines Diskette. I/III Ⓑ Supercharge your programs with these 121 subroutines, functions and utilities described in BASIC Faster and Better & Other Mysteries (62-1002, not included). Modify routines or use "as is". 26-2021 . . . . 19.95

TRS-80 Model 4 "C" Programming System. 4 Ⓕ A complete implementation of C language for program development. The library routines are Unix-compatible, making it easy to transport programs from other computers to the Model 4—or vice versa. Includes a powerful, programmable full-screen text editor. You can map editor commands to the Model 4 keyboard as desired and define your own editor commands. The TRS-80 C compiler generates a very efficient and compact object code—programs execute 10 to 50 times faster than BASIC programs. The compact size of the object code lets you develop large programs without overlays or chaining. Also compatible with TRS-80 Pascal (Cat. No. 26-2212, below). You can call functions or procedures written in Pascal from a TRS-80 C program or vice versa. 26-2230 . . . . 249.95

Alcor Pascal. Alcor Pascal is a full Pascal implementation. For speed and efficiency, the compiler generates a p-code (pseudo-code) that can be interpreted, or further translated into machine instructions for execution directly by the hardware. For added space, an optional p-code optimizer reduces a program by 10-30%. For added speed, an optional native code generator converts the p-code to machine language. Resulting code executes between three and five times faster than the p-code. Object code is portable, so you can compile programs on one system and execute them on another. Includes compiler, interpreter, linking loader for building libraries of commonly-used routines, full-screen text editor, large library of routines, extensive string routine library, and a documentation package which includes a Pascal tutorial with 500-line data base program.
Alcor Pascal for Model 4. 4 Ⓔ 26-2212 . . . . 249.95
Alcor Pascal for Model I/III. I Ⓓ III Ⓒ 26-2211 . . . . . . 249.95

Runtime Diskettes. I/III/4 Ⓒ For those who sell software developed on our compilers.

Runtime Diskette	Model 4	Model I	Model III	Each
COBOL	26-2191	26-2206	26-2207	30.00
Compiler BASIC		26-2208	26-2209	20.00

Minimum System Requirements

I = Model I only	Ⓐ 32K 1-Disk	Ⓓ 48K 2-Disk
III = Model III	Ⓑ 32K 2-Disk	Ⓔ 64K 1-Disk
I/III = Model I/III	Ⓒ 48K 1-Disk	Ⓕ 64K 2-Disk
4 = Model 4 only		

38   **All Model III Programs Run on Model 4 in Model III Mode**

MODEL 4/III/I PERSONAL SOFTWARE

The Home Accountant

III Ⓓ A comprehensive personal finance system for you and your family. Lets you define up to 99 budget categories, monitor transactions, keep track of up to five checkbooks and print checks. Produces eight financial reports and bar graphs for any budget category with optional printer. Shows a historical trend analysis for any budget category.
26-1511 .... 99.95

Dow Jones Market Analyzer™

III Ⓐ Get accurate stock market information for timely decision-making with Dow Jones Market Analyzer, and make the time you spend with your investment portfolio more efficient—and more profitable. Use with Dow Jones News/Retrieval to automatically collect historical information on stocks and Dow Jones averages. Then, with a few keystrokes, convert this information into easy-to-understand graphs for analysis. Create bar, comparison, relative strength and oscillator charts, trend lines and more. Automatically retrieves closing quotes on stocks, bonds, mutual funds, options and Dow Jones averages. Requires graphics board and modem.
26-1606 .... 249.95

Investment Portfolio Manager

III Ⓓ Designed for investment counselors and individuals who trade in the securities market. The system monitors and reports on the information needed to manage stable, profitable securities portfolios. Handles up to 250 securities, 20 portfolios and 1700 transactions—and stores organized, descriptive screens of information for each. Allows rapid review and correction of information, automatically computes totals and keeps records of income earned. Prints seven customized reports with optional printer. Features telecommunications with Dow Jones News Retrieval. RS-232C interface and telephone modem required for communications.
26-1514 .... 199.95

Trendex Stock Market Analysis

I/III Ⓐ Provides stock market trend indications for short, intermediate and long-term periods. Maintains intermediate trends for portfolio of your choice. Analyzes data with formulas used by professional investors. Not for counsel to buy or sell securities.
26-1510 .... 59.95

Money Decisions Series

III Ⓓ Each program puts the most frequently used business and financial problem-solvers at your fingertips! Takes your information from prompts and performs sophisticated calculations. Lets you create a set of problem-solving assumptions and then calculates "before and after" effects of multiple alternatives. Each can be used alone or in conjunction with the other Money Decisions programs. Produce formatted reports with optional printer. Each comes with extensive tutorial manual.

Money Decisions I: Investment Analysis. Includes Future Investment Value, Initial Investment, Annual Interest Rate, Internal Rate of Return and more.
26-1620 .... 49.95

Money Decisions II: Real Estate and Loan Analysis. Includes Principal on a Loan, Regular Payment on a Loan, Last Payment on a Loan, Term of a Loan, Annual Interest Rate on a Loan, Mortgage Amortization Table and more.
26-1621 .... 49.95

Money Decisions III: Business Statistics and Forecasting. Includes Risk Adjusted Net Present Value, Payoff Matrix Analysis, Regression Analysis/Forecasting, Bayesian Decision Analysis and more.
26-1622 .... 49.95

Money Decisions IV: Business Management. Includes Lease Purchase Analysis, Depreciation Switch, Salvage Value, Bar Graph and more. 26-1623 .... 49.95

Money Decisions V: Advanced Investment Analysis. Includes Future Investment Value (Uneven Cash), Present Value of Tax Deduction, Discount Commercial Paper, Accrued Interest on Bonds and more.
26-1624 .... 49.95

Two Programs That Help Prepare You for Exams

Mastering the ECAT

Get ready for the College Board Achievement Test in English composition with this helpful program. Designed specifically to prepare high school students for entrance into selected colleges and to help them qualify for advanced placement in college English courses. The five-disk program contains more than 1000 English problems presented in random groups of 16, so study remains interesting and challenging. Includes practice in rewriting sentences, phrasing, identification of grammatical errors and pointers on sentence structure. Supportive responses follow every answer to encourage further study. Provides an approximate score and error analysis to indicate areas for further study.
26-1970 .... 129.95

Mastering the SAT

A comprehensive program to help high school students prepare for the Scholastic Aptitude Test. Provides practice in all skill areas tested on the SAT—Math: arithmetic, algebra, geometry, use of reference tables, graphs and reasoning; Verbal: analogies, antonyms, sentence completion, reading comprehension and vocabulary; and Standard Written English. Students are first tested to identify areas for further study. Self-paced study with the computer provides additional instruction and hints for test-taking. A final test, similar to the SAT, analyzes the student's progress. Includes a 96-page workbook with additional practice exams.
26-1975 .... 129.95

Success with Math

Introduce your children to the basics of mathematics with programs available for students in grades 1-12. Each program allows students to learn at their own pace. Programs take students through mathematical operations one step at a time, with encouraging responses from the computer after every answer. Varying levels of difficulty let children start where they feel comfortable, then progress into more complex operations.

Success with Math I: Addition/Subtraction. Start students in grades 1-4 with basic computation practice, concepts of "carrying" and "borrowing". Choose the level of difficulty, up to problems with nine rows and nine columns. 26-1971 .... 19.95

Success with Math II: Multiplication and Division. For grade levels 2-8, or for older children needing to review multiplication or division skills. Students choose a one, two or three-digit number to multiply by a three-digit multiplicand. Choose one to three-digit numbers for division problems. 26-1972 .... 19.95

Success with Math III: Linear Equations. For students in grades 7-11. Practice solving randomly generated problems in the form $AX + B = C$. Requires basic arithmetic operations on both sides of the equation. 26-1973 .... 19.95

Success with Math IV: Quadratic Equations. For grades 9-12. Generates quadratic equations at two levels of difficulty. Divides the screen into three areas: original equation, work area and message/instruction area. Includes extensive practice in factoring.
26-1974 .... 19.95

Dean Vaughn Memory Course

III Ⓒ Learn to develop your memory through the process of association. This two-disk course shows you how to find audionyms—words with similar sounding syllables—to remember key words or groups of words how to use association and how to test for a job.
26-2024 .... 89.95

TRSDOS 6 Training Course

4 Ⓔ Learn to take advantage of the versatility and power of your Model 4's TRSDOS 6. Tutorial diskettes and a comprehensive instructional guide introduce you to the most frequently used TRSDOS commands. Material included in the TRSDOS 6 Training Course includes system concepts, initialization commands, diskette handling utility, file handling commands and utilities, creating and using Job Control Language files and more.
26-2019 .... 74.95

FUN AND GAMES FOR MODEL 4/III/I

Electronic Music Synthesizer

Compose Your Own Stereo Music on Your Computer and Listen to It on Your Home Stereo System

79⁹⁵

Orchestra-90 ⟨1/2⟩ Create highly sophisticated electronic music and sound effects. Both musicians and non-musicians can compose in six octave ranges in up to five voices. Transcribe sheet music, too. Includes cassette software and an interface that connects your home stereo to the Model III/4 computer. Plays programmed sounds only. 26-1922 . . . . 79.95

"13 Ghosts" Disk Game

13 Ghosts. ⟨4⟩ Armed only with your "Ghosts Blaster", you're out to de-spook a Ghost Town. You'll encounter a skeleton that's immune to your blast and a "Laughing ghost" with an annoying knack for waking up dangerous ghoul friends. You'll be lucky to get out alive! 26-1927 . . . . 19.95

2-in-1 Game Packs

Games Pack 2. ⟨1/2⟩ Includes two games! Recover the stolen fuel cells and return them to earth in Defense Command. Escort your supply cruisers through enemy zones in Stellar Escort. Optional sound effects.
26-1925 . . . . 24.95
Disk Version. ⟨3⟩
26-1926 . . . . 24.95
Games Pack 3. ⟨1/2⟩ Includes two games! Destroy wave after wave of alien space ships in Cosmic Fighter. Avoid the space rocks and rescue the stranded astronauts on a distant planet in Meteor Mission 2. Optional sound effects.
26-1923 . . . . 24.95
Disk Version. ⟨3⟩
26-1924 . . . . 24.95

More Games on Cassettes

Magic Carpet. Interactive adventure game for youngsters. Runs on Model III only.
26-1919 . . . . 9.95
Starquest. ⟨1/2⟩ Explore a planet and fight off aliens!
26-1920 . . . . 14.95
Microchess. ⟨1/2⟩ Three skill levels—ideal for beginners or advanced players.
26-1901 . . . . 19.95

Zork I Adventure Game

39⁹⁵ One of the Most Popular Adventure Games Ever Offered

Zork I. ⟨3⟩ You must stay alive and find the hidden treasures of this challenging, complex adventure game. 26-1951 . . . . 39.95

Exciting Cassette and Disk Games

Computer Diplomacy. ⟨4⟩ A realistic game of strategy and international politics. You command one of the seven great powers of Europe prior to World War I. You seek to control the continent through careful planning and by negotiating alliances with other players. For up to seven players.
26-1957 . . . . 19.95

Zaxxon. ⟨1/2⟩ Bring the popular arcade challenge home to your computer. Advance from "Rookie Pilot" to "Combat Ace Pilot" as you enter the floating fortress, destroy enemy defenses, and finally defeat the mighty robot, Zaxxon. Add an optional amplifier for great sound effects.
26-1960 . . . . 29.95
Zaxxon Disk Version. ⟨4⟩
26-1956 . . . . 29.95

Frogger. ⟨1/2⟩ A licensed version of the original arcade game. Get your frogs safely across the road. Then guide them to their lily pads on the other side of the river. Optional computer-generated music requires mini amplifier.
26-1958 . . . . 19.95
Frogger Disk Version. ⟨4⟩
26-1959 . . . . 19.95

In the Hall of the Mountain King. ⟨3⟩ Destroy the Troll King and his underground kingdom and rescue the kidnapped princess. You'll have to battle trolls, enter the dreaded Norwegian Circle Maze and recover the stolen treasure.
26-1921 . . . . 14.95

Sword of Roshon. ⟨2⟩ A special interactive story—and you can be the hero! Make decisions that help determine the outcome—it's different everytime! But be careful of making the wrong choice.
26-1918 . . . . 9.95

Monty Plays Scrabble. ⟨3⟩ Challenging word fun! Features 54,000-word vocabulary, different skill levels and automatic score keeping. Add a mini-amplifier for sound effects. Requires board game.
26-1954 . . . . 34.95

Model 4/III/I Business and Personal Cassette Software

Spectaculator. ⟨1/2⟩ An electronic spreadsheet for forecasting and problem solving. Enter labels and numbers in row/column format. Change a value or formula and all affected figures are updated automatically. 26-1513 . . . . 49.95

DOTPLOT-80. ⟨1/2⟩ Create beautiful graphics with easy-to-use BASIC commands. Requires graphics-mode printer.
26-2023 . . . . 19.95

SCRIPSIT® Word Processing. ⟨1/2⟩ Compose and edit text on the video display, then use an optional printer to produce correction-free letters and reports. Features centering, headers, footers, global search and more. Save text on cassettes for later revision.
26-1505 . . . . 39.95

Budget Management. ⟨1/2⟩ Records up to 60 budgeted accounts with 25 cash expenses, 20 savings transactions and 50 checks/month. Prints reports with optional printer. 26-1603 . . . . 19.95

Mailing List. ⟨1/2⟩ Keep an updated file of names and print labels (with optional printer). 80 names per data file with 16K, 250 names with 32K. 26-1503 . . . . 19.95

Statistical Analysis. ⟨1/2/3⟩ Analyze data and forecast trends. Includes random sample, histogram, frequency distribution, regression and much more. 26-1705 . . . . 39.95

Series I Editor/Assembler. ⟨1/2⟩ Includes manual with Z-80 instruction set. Editor features automatic line numbering, single-letter commands, optional parameters, global search. Assembler features single-letter commands. 26-2011 . . . . 29.95

Assembly Language Tutor. ⟨1/2⟩ A self-contained course in Z-80 machine-language programming. Features 27 lessons with examples and exercises. 26-2017 . . . . 39.95

DEBUG. ⟨1/2⟩ Displays memory in 128 or 256-byte full-screen mode. Displays Z-80 registers. Also allows modifications to RAM and registers. Includes single-step execution of programs and breakpoint interruption of execution. 26-2000 . . . . 19.95

Tiny Pascal. ⟨2⟩ Great introduction to this structured programming language (fixed-point, non-array version). Includes sample programs to get you started. Model III PASCAL is complete with monitor, compiler and editor. 26-2020 . . . . 19.95

COMPUTER REFERENCE BOOKS

Tandy 1000

NEW! The Complete Guide to the Tandy 1000. Explains how to get the most from your Tandy 1000 computer. Covers IBM compatibility, software, hardware, expansion and more. 25-1505 . . . . 19.95

NEW! Introduction to MS-DOS. Describes set-up, preparing diskettes, managing files and using a hard disk. 25-1506 . . . . 7.95

NEW! Advanced MS-DOS Applications. Covers file structure, controlling data flow, personalizing your system, troubleshooting. 25-1507 (Avail. 11/30/85) 14.95

Learning BASIC for Tandy 1000/2000. An excellent tutorial for learning BASIC programming. Written by Dr. David Lien. 25-1500 . . . . 19.95

MS-DOS Reference Manual. Complete reference guide to all MS-DOS commands. 25-1501 . . . . 34.95

GW-BASIC Reference Manual. Complete reference guide to GW-BASIC commands. 25-1502 . . . . 34.95

Programmer's Reference. Documents all BIOS subroutines and entry points for use in low-level languages. 25-1503 . . . 14.95

Technical Reference Manual. Includes schematic diagrams and theory of operation on the Tandy 1000 and option boards. 25-1504 . . . . 29.95

Model I/III/4

NEW! Model 4/4P Technical Reference Manual. Provides technical information and theory of operation on Model 4 and 4P hardware. 26-2119 . . . . 24.95

Model I Level II Manual.
26-2102 . . . . 5.95

Getting Started with TRS-80 BASIC. Entertaining introduction to Level II and Model III BASIC programming. 342 pages. 26-2107 . . . . 6.95

Model III Disk System Owner's Manual. Covers disk operation and disk BASIC. With helpful programming examples. 161 pages. 26-2111 . . . . 6.95

Model III/4 Owner's Manual. Provides detailed information on operation, including BASIC. 259 pages. 26-2112 . . . . 5.95

Computer Programming in BASIC for Everyone. Easy-to-understand introduction to writing programs. 156 pages. 62-2015 . . . . 2.95

Model 4/4P Disk System Owner's Manual. Covers initial setup, BASIC and applications programs. 26-2117 . . . . . . 17.95

Color Computer

NEW! Getting Started with Extended BASIC. Learn to write Color BASIC programs with simple graphics and sound. Teaches about Extended BASIC features, including advanced graphics and complex sound. 26-3197 . . . . 8.95

TRS-80 Color Computer & MC-10 Programs. Features 40 programs: games, quizzes, drills, calculators and more. 26-3195 . . . . 5.95

The Color Computer Playground. Features 42 entertaining and useful programs to help you and your children learn with the computer and about the computer. Programs are educational, simple and grouped by subject area. 26-3196 . . . . 7.95

Going Ahead With Extended Color BASIC. Describes features of Extended Color BASIC, including advanced graphics, complex sounds and more. Over 210 pages of instructions. 26-3192 . . . . 5.95

Color Computer Quick Reference Guide. Features functions, ROM subroutines, handy index and more. 26-3194 . . . . 4.95

Color Computer Graphics. Extensive guide to creating superb color graphics. 256 pages. 62-2076 . . . . 5.95

Color Computer Assembly Language Programming. Comprehensive guide to 6809 instruction, including set and registers, condition codes, addressing and branching, subroutines, arithmetic operations, graphics and sound, and more. 256 pages. 62-2077 . . . . 6.95

Portable Computers

NEW! Tandy 200 Book. A complete step-by-step tutorial. Discusses the capabilities of the Tandy 200 Portable Computer. Includes examples and exercises in BASIC. 26-3869 . . . . 19.95

NEW! Tandy 200 Technical Reference Manual. Written for the software developer. Includes schematics, ROM calls and technical information. 26-3861 (Avail. 10/30/85) 19.95

Model 100 Technical Reference Manual. Theory of operation on Model 100 hardware. 26-3810 . . . . 9.95

Portable Computing With the Model 100. Emphasizes practical applications of Model 100. Includes cassette tape with 12 programs. 26-3820 . . . . 14.95

The TRS-80 Model 100 Portable Computer. A complete step-by-step learner's manual. Discusses the capabilities of the Model 100, plus a complete course in Model 100 BASIC. 26-3819 . . . . 14.95

Source Books

NEW! Applications Software Sourcebook. Includes over 2500 ready-to-run programs of all types for sale by a variety of vendors. 26-1378 . . . . 7.95

TRS-80 Agricultural Sourcebook. A complete listing of agricultural programs. Covers specific applications and user levels. 26-2774 . . . . 2.95

Microcomputer News

TRS-80 Microcomputer Newsletter Reprints. Includes the first 20 issues published to December, 1980, in one volume. 26-2115 . . . . 4.95

TRS-80 Microcomputer Newsletter Reprints. January thru December, 1981 bound in one volume. 26-2240 . . . . 6.95

TRS-80 Microcomputer Newsletter Reprints. January thru December, 1982 bound in one volume. 26-2241 . . . . . 9.95

Reference Manuals

NEW! Computer Reference Handbook. A guide to BASIC languages used on TRS-80 Model I, II, III, 4,100, MC-10 and Color computers. Commands are organized in alphabetical order for quick and easy reference. 26-2314 . . . . 2.95

NEW! VisiCalc for the TRS-80. Learn how to get the most from this versatile spreadsheet analysis program. Includes useful applications in cash flow analysis, inventory management, analysis of rate of return, financial reports and other areas, each designed for the VisiCalc screen. 26-2315 . . . . 9.95

NEW! Microcomputers Mean Business. A practical guide for business people. Shows how to analyze your company's needs. Easy to read and understand. 26-4941 . . . . 5.95

Getting Started with Radio Shack Printers. How to use print codes and other special features. Explains dot-addressable graphics. Includes BASIC programming examples. 26-1242 . . . . 14.95

Dictionary of Microcomputer Terms. Clear, understandable definitions, many with illustrations. Reference section of abbreviations, acronyms and symbols. 96 pages. 62-1392 . . . . 2.79

EVER-POPULAR COLOR COMPUTER 2

16K Color Computer 2 with Standard BASIC

119⁹⁵
Less TV, Software

Low As $20 Per Month on CitiLine ★

16K Standard BASIC. A true family computer! The Color Computer 2 helps you set up a personal budget, keep track of your investments, create an inventory of household items, store recipes, write letters and reports, and improve your kids math, spelling and reading skills. You can even play exciting games. Simply attach the Color Computer to your TV and add instant-loading Program Pak™ cartridges or ready-to-run cassette software (requires recorder). You can learn to write your own programs in easy-to-use BASIC for home or school (a 185-page beginner's manual is included). You'll be able to create graphics in eight vivid colors with exciting sound effects, too. The built-in Standard BASIC language features data and string handling, dimensioned arrays, math functions and 9-digit accuracy. Best of all, the Color Computer 2 is easy to expand as skills and needs grow with more memory, joysticks, a printer or telephone modem. Includes 16,000 characters of memory. U.L. listed. 26-3134 . . . . 119.95

SPECIFICATIONS. Microprocessor: 6809E 8-bit. **Clock Speed:** 0.894 MHz. **Keyboard:** 53 keys, including BREAK and CLEAR. **Video Display:** 16 lines of 32 uppercase characters. Color graphics capabilities range from 32 × 64 (8 colors) to 192 × 256 (1 color and background color) with 3 intermediate formats. Higher resolutions in the same range are available through machine language, Extended BASIC or Program Paks. **Memory:** 8K ROM, 16K RAM. **Input/Output:** 1500-baud cassette (recorder optional). Two 2-dimensional joysticks (optional). RS-232C serial port. Standard TV connection (300 ohms). **Dimensions:** 3 × 10³/₈ × 14³/₄". **Power:** 120VAC, 60 Hz.

64K Color Computer 2 with Extended BASIC

219⁹⁵
Less TV, Software

Low As $20 Per Month on CitiLine ★

64K Extended BASIC. An affordable computer for writing your own sophisticated programs. Ideal for many small business and professional uses, too. You can access 32,000 characters of memory using the built-in Extended BASIC language. Or add a disk drive and optional OS-9 operating system to access the full 64K memory. Simple, one-line commands make detailed color graphics easy to create. Ideal for drawings, designs, charts, engineering diagrams, even animation. Features 256 × 192 screen resolution (49,152 pixels); multi-character variable names (two significant); string arrays up to 255 characters; full-featured editing; tracing; floating point 9-digit accuracy; trigonometric functions; user-definable keys; specific error messages; and PEEK, POKE and USR commands. Ready-to-run software is available for personal and household tasks, education and entertainment. Attaches to any TV. Easy to expand. Includes tutorial manual on Standard and Extended BASIC. U.L. listed. 26-3127 . . . . 219.95

SPECIFICATIONS. All specifications for 64K Color Computer 2 with Extended BASIC are the same as the Color Computer 2 with Standard BASIC (at left) unless otherwise noted. **Memory:** 16K ROM, 64K RAM. **Interrupt Timer:** Accessible from Extended BASIC or machine language only. **Commands/Statements:** CIRCLE, CLOADM, COLOR, CSAVEM, DEF FN, DEFUSRn, DEL, DRAW, EDIT, GET, INSTR, LET, LINE, LINE INPUT, MID$, PAINT, PCLEAR, PCLS, PCOPY, PLAY, PMODE, PRESET, PRINT USING, PSET, PUT, RENUM, SCREEN, TROFF, TRON. **Functions:** ATN, COS, EXP, FIX, HEX$, LOG, PEEK, POS, PPOINT, STRING$, SQR, TAN, TIMER, USRn.

DESKMATE FOR COLOR COMPUTERS

Save Time and Effort with DeskMate™ Software

NEW FOR '86

**99⁹⁵**   Low As $20 Per Month on CitiLine *

- Features the Personal Productivity Applications You Use Most on One Disk
- There are No Complicated Commands to Memorize—You Can Put the DeskMate Applications to Work Right From the Start
- DeskMate Makes the Color Computer a Better Buy Than Ever Before

DeskMate. Now our popular DeskMate software is available for the Color Computer! Color Computer DeskMate is an integrated package of seven commonly used personal productivity applications on one disk: Text, Ledger, Index Cards, Paint, Telecom, Calendar and Calculator. DeskMate is very user friendly. You can easily select an application (identified by name and icon) with your mouse, joystick or keyboard arrow keys.

TEXT—A general-purpose text entry and editing program that performs search and replace; file merge; and block select, copy and delete. It's ideal for writing correction-free letters, memos and short reports.

LEDGER—A simple spreadsheet which includes an easy-to-use menu and automatic column formatting. You can use Ledger to do budgeting, sales forecasting, profit and loss projections and other "What if . . . ?" calculations.

PAINT—A four-color picture editor to create graphics screens. You can easily create lines, shapes, patterns, fill in areas with color and enter text. Using Paint, you can create colorful charts, graphs, designs, even "doodles" on your screen, then print a copy on a dot-matrix or ink-jet printer.
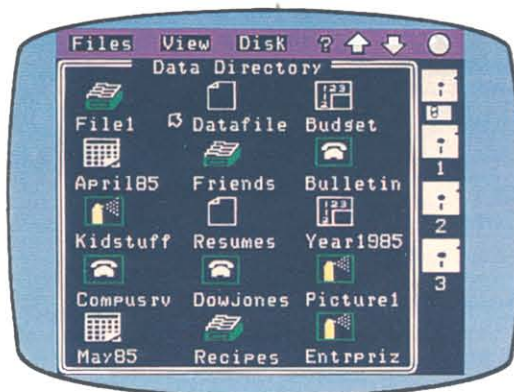
Seven Programs in One!

INDEX CARDS—A personal filing system. You can enter and edit data and perform simple sorts and searches. It's ideal for keeping track of names and addresses.

TELECOM—A communications program to access national information services, plus transmit and receive ASCII files from other computers by phone (requires modem). Telecom makes it easy to access computer bulletin boards.

CALENDAR—A simple monthly calendar that displays "to do's" for any date. Calendar is an easy way to organize your day.

CALCULATOR—A four-function calculator available within any application. This program is similar to a printing calculator. Figures and calculations scroll up the screen. Includes printer support.

DeskMate for the Color Computer. With an easy-to-understand manual. 26-3259 Avail. 10/30/85 . . . . 99.95

Increase Your Data Storage with a Thinline Color Disk Drive

299⁹⁵   Low As $20 Per Month on CitiLine *

- 156,672 Characters of User Storage Per Diskette
- Quick and Easy Access to Programs and Data
- Plugs into Your Computer's Program Pak Port or Multi-Pak Interface
- Add a Second Built-In Disk Drive at Anytime

FD-501 Color Thinline Disk #0. Turn any Color Computer with Extended BASIC into a complete disk system and store over 156,000 characters of data. You can write your own sophisticated disk applications or add ready-to-run software. The drive plugs into the Program Pak port or Multi-Pak Interface. Includes 5¼" double-density, 35-track floppy disk drive; Program Pak cartridge containing the Disk Operating System; cable; one blank 5¼" diskette; reference manual and operator's instructions. A second drive may be added (requires installation, not included). U.L. listed.
26-3131 . . . . 299.95

Make Your Computer More Versatile With Low-Cost Upgrade Kits

New Low Price! 16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K to use larger, more sophisticated programs. Was $49.00 in Cat. RSC-14.
26-3015 . . . . 29.95*

New Low Price! Low-Profile Keyboard Kit. Upgrades any Color Computer with the older keyboard style to our newer version. Was $39.95 in Cat. RSC-14.
26-3016 . . . . 24.95*

New Low Price! 64K RAM Upgrade Kit. Converts a 4K, 16K or 32K Color Computer to the same memory used in 26-3127 (see page 42). Was $69.95 in Cat. RSC-14.
26-3017 . . . . 59.95*

Extended Color BASIC ROM Kit. Upgrades a Color Computer for advanced graphics capabilities or to use disk drives. Requires 16K RAM.
26-3018 . . . . 39.95*

*Installation required (not included). Some installations may require additional-cost hardware.

*CITILINE REVOLVING CREDIT See Page 2

43

COLOR COMPUTER ACCESSORIES

Accessories for Action-Packed Fun, Communications and System Versatility

A New Low Price! Deluxe Joystick. Our best! Get accurate cursor control and quicker response. Dual-axis trim controls adjust to your touch. Was $39.95 in Catalog RSC-14.
26-3012 .... Each 29.95

B Color Mouse. Adds speed and ease to games and graphics creation. Simply "roll" the mouse across tabletop to accurately position cursor. You can use it alone or with a joystick.
26-3025 .... 49.95

C New Low Price! Joysticks. Our lowest-priced joystick. Fast 360° movement! Single-shot button. Were $24.95/Pair in RSC-14.
26-3008 .... Pair/19.95

D Multi-Pak Interface. Connects up to four Program Pak™ cartridges to your Color Computer at once! Connects disk drives and other accessories, too. Change between slots with selector switch or under program control. U.L. listed.
26-3124 .... 99.95

E Deluxe RS-232 Program Pak. Frees serial port for optional printer while you communicate with major information services and with other computers over telephone lines. Requires modem.
26-2226 .... 79.95

F CCR-82. Requires four "AA" batteries or optional AC adapter. 26-1209 ... 49.95

CCR-81(not shown). U.L. listed AC operation or four "C" batteries (not included).
26-1208 .... 59.95

Appliance/Light Controller

99⁹⁵
Low As $20
Per Month
on CitiLine∗

**Program Up to
128 Events for
Total 24-Hour Control**

Simply connect lights and appliances to Plug 'n Power™ remote control modules (sold separately at Radio Shack), attach the controller to your Color Computer, then program all desired times and events. All data is transferred to the controller—your computer is left free for other uses. Battery backup provision (requires 9V battery). U.L. listed. 26-3142 .... 99.95

Sound/Speech Cartridge

79⁹⁵

**Now Add Sound,
Three Voices and
Noise to Your BASIC Programs**

This amazing programming enhancement lets you hear what you've only been seeing. Just plug it into the Program Pak port of your Color Computer and you can add 3-voice sound and one-voice speech to your BASIC programs using PEEK and POKE commands. It even lets you add text to the speech in your programs. The possibilities are almost endless. 26-3144 ...... 79.95

Orchestra-90 CC

79⁹⁵

**Compose Music
On Your Computer
and Listen on Your Home Stereo**

Create highly sophisticated electronic music and sound effects. Both musicians and non-musicians can compose in six octave ranges in up to five voices. Simulate various instruments and percussion. Transfer mode allows you to transmit files via 300-baud modem. Hundreds of music files available on CompuServe.
26-3143 .... 79.95

Our Electronic Book Makes Learning Fun and Easy for Children of All Ages

Electronic Book

24⁹⁵

Program Pages

19⁹⁵ Each

Electronic Book. Your kids will spend hours learning the fun way! Each of the optional software packages contains "pages" which compose the Electronic Book. Different areas of the book's touch-sensitive surface are pressed to make selections. Interactive routines make learning a game. Choose from four different programs described below. Safe for kids to use, too—plugs into joystick port. Requires 16K. Optional software packages listed below require cassette recorder. 26-3141 .... 24.95

Maze Master. An introduction to computer use. Children solve mazes by writing instructions. Helps teach some of the basic principles involved in computer programming. 26-2541 .... 19.95

Shape Maker. Challenges children to identify geometrical shapes and make designs.
26-2542 .... 19.95

The Number Factory. Children will enjoy practice in basic arithmetic skills. One number goes "in", another comes "out". What was the math operation? 26-2543 .... 19.95

Word Wizard. Help your children improve spelling skills the fun way with this spelling game where kids "shoot" the answer. 26-2544 .... 19.95
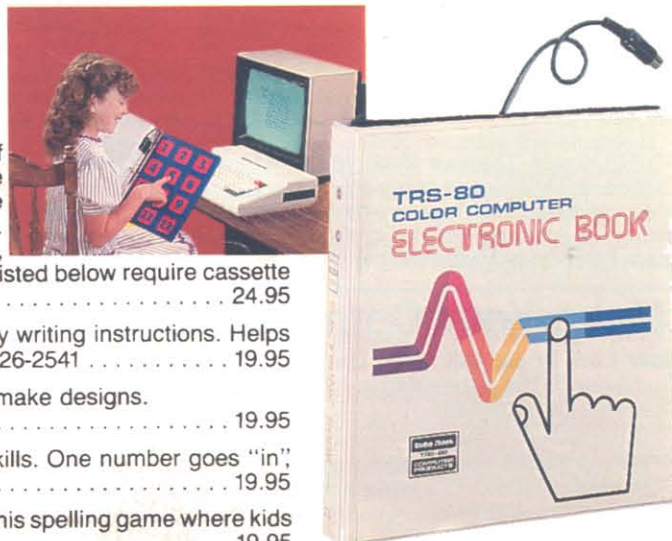
COLOR COMPUTER DISK SOFTWARE
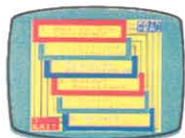
NEW! Childpace. Track your child's early development from 3 months to 5 years old. Evaluates dexterity, language, personal and social skills. Based on national survey and a major university study. 26-3248 .... 39.95

KIDWRITER. Lets your children create their own storybook with colorful scenes and music. Hours of imaginative fun for beginners or experienced Color Computer users. 26-3249 .... 29.95

NEW! D.L. LOGO. Programming language designed to run under OS-9. Based on LOGO developed by M.I.T. Special features include "MUSIC" to play songs with up to 4 voices, "SAY" for support of Speech/ Sound cartridge, and joystick support for programs your children can create and enjoy. 26-3033 .... 99.95

OS-9 Disk Operating System. A real-time operating system that accesses the entire memory of our 64K Extended BASIC Color Computer. OS-9 includes a powerful editor/ assembler, plus functions for disk and terminal input/output, software memory management and multi-tasking. Includes complete documentation, reference manuals and diskette. 26-3030 ...... 69.95

PASCAL-09. A complete implementation of this structured programming language with enhancements for expanded input/ output and the OS-9 environment. Requires OS-9 DOS. 26-3034 .... 99.95

BASIC-09. An enhanced version of standard BASIC written for the 6809 microprocessor. Includes advanced features derived from PASCAL. Interactive compiler produces compact object programs for high-speed execution. Requires OS-9 DOS. 26-3036 .... 99.95

C Compiler. A high-level language that produces assembly language source code for the 6809 microprocessor. Almost any application written in C can be transported from a UNIX system to an OS-9 system, recompiled and correctly executed. Requires OS-9 DOS. 26-3038 .... 99.95

NEW! OS-9 Screen Print. Print high-res Color Computer graphics. Requires CGP-220 for four-color printouts or dot-matrix printer with bit-image mode for B&W. Requires OS-9 DOS. 26-3221 .... 14.95

TRSCOPY. Allows transfer of text files between "OS-9" disks and "Color Computer Disk Basic" disks. Text files are copied without modification. 26-3263 ..... 24.95

Color Disk Profile. A personalized data base for household and business records. Create up to 256 data fields. Define up to four primary and four secondary search keys. Includes convenient reallocate facility for easy insertion of new data. 26-3253 .... 59.95

Color Disk Editor/Assembler. Develop your own 6809 programs and subroutines. 26-3254 .... 59.95

COOKBOOK. Two programs in one! An all-purpose menu planner suggests complete meal menus which are tasty, culinarily correct and dietarily balanced. A recipe index file allows you to enter and store your own favorite recipes—or the computer can create new ones from your suggestions. 26-3257 .... 39.95

Color Disk SCRIPSIT. An easy-to-use word processing program that offers optional upper and lower case display and background printing. Insert, delete, move and duplicate words, sentences and paragraphs. 26-3255 .... 49.95

Color SCRIPSIT Dictionary. Use with Color Disk SCRIPSIT to check for spelling errors automatically. 26-3265 ..... 59.95

TSEDIT. A high-resolution screen editor that allows upper and lower case in lines from 32-80 columns. 26-3264 ..... 34.95

NEW! TSWORD. A format program that forms a powerful OS-9 word processing package when combined with TSEDIT. Illustrated menus. Requires 64K disk system. 26-3267 .... 34.95

Investograph. Charts stocks and trends. Features high-resolution graphics. 26-3258 .... 49.95

Cash Budget Management. A sophisticated personal or small business bookkeeping program. Enter income and expense amounts into the built-in petty cash, checking and saving accounts. Deposit and debit calculations are automatic. Features ready-to-use income, expense and cash categories—and you can define your own. 26-3261 .... 49.95

DYNACALC. A powerful electronic spreadsheet. Features up to 256 columns or 256 rows of cells. Built-in numeric functions and 16-digit precision (15 for transcendentals). Requires 64K and OS-9 DOS. 26-3275 .... 99.95

NEW! Micro Illustrator. Graphics creation program which offers icon driven menus. Supports DRAW, FILL, SAVE/LOAD pictures, plus joystick, mouse or touch pad. 26-3278 .... 29.95

NEW! PAN. Write your own songs! Built-in features include everything you need to compose music in three-part harmony. User picks up quarter, half, whole notes and places on bass and treble cleffs and changes tempo and tone. Works with joystick, mouse and Speech/Sound Cartridge. Play back through TV speaker (mono only). 26-3279 .... 29.95

NEW! One-on-One. Dr. J (Julius Erving) and Larry Bird play basketball, one on one style. Control either player and try to win. Complete with score, time clocks and slam dunks. Intense competition drives each player harder and faster, but don't "shatter the backboard". 26-3288 .... 39.95

Flight Simulator. Take off into the wild blue yonder! Learn the basics in instrument recognition, manual control of ailerons (pitch and roll), compass readings, take-off and landing requirements and more. Joystick and 64K required. 26-3108 .... 24.95

Shamus. Fast paced high suspense space odyssey adventure game. Wind your way through the mazes filled with ROBODROIDS, WHIRLING DRONES and SNAP JUMPERS in search of the SHADOW. 26-3289 .... 29.95

Sands of Egypt. Can you crack the secret of the ancient Tomb of Ra in your allotted number of moves and escape with the desert treasure? Combine multi-color graphics with strategy to win this adventure game. 26-3290 .... 29.95

NEW! Varloc. Chess style game with an unusual twist. Pieces must wage a battle for victory of each square. You control one side, the computer the other. Exciting action and quick thinking throughout the game. 26-3291 .... 29.95

Desert Rider. How long do you think you can survive this treacherous, grueling motorcross track? If you find the stamina for the spills and thrills, you'll become a Desert Racer Hall of Fame member. Joystick required. 26-3292 .... 29.95

Ghana Bwana. You're in an outrigger trying to reach the island, but natives are hurling spears. You can turn back, but the sea is infested with hungry sharks. Survive the attack, find the key to obtain the treasure and win! Joystick required. 26-3293 .... 29.95

NEW! The Dallas Quest. You're a detective hired by Sue Ellen. She wants revenge and money. Unravel the mystery to find oil if you can! But be careful—J.R.'s out to stop you! Based on the sizzling TV show with color graphics and text. 26-3294 .... 29.95
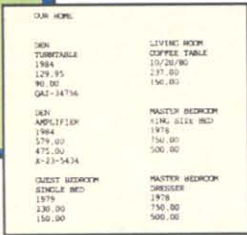
COLOR COMPUTER SOFTWARE

Put Your Color Computer to Work with These Helpful Programs

NEW LOW PRICE!

Color File

19⁹⁵

Was $24.95
in Cat. RSC-14

Versatile, Easy to Use

NEW LOW PRICE!

Personal Finance II

29⁹⁵

Was $34.95
in Cat. RSC-14

Set Up a Budget!

File away your records electronically! Color File lets you quickly store, retrieve and use various types of important data, such as addresses, warranties and personal records. Easily alphabetize, select, examine, print, change and save your information. Comes pre-set with seven ready-to-use files—or you can create your own. Requires cassette recorder.
26-3103 . . . . 19.95

Set up a personal or household budget to see where all your money is going! Personal Finance can help you see where to correct bad financial habits. This easy-to-use program features 26 major expense categories: auto, gas, clothing, food, retirement and others. You can review your expenditures on a year-to-date or category basis. Includes printouts and graphs.
26-3106 . . . . 29.95

New Low Price! Spectaculator

Do your planning, forecasting and problem-solving with this "electronic spreadsheet." Just enter numbers and formulas, and Spectaculator will calculate and display the results on command, saving you time and effort. Enter new figures and it updates all related numbers. Answers "What if . . . ?" questions—ideal for financial projections. Up to 99 rows and columns. Add headings, even "erase" worksheet and leave format intact. Cassette recorder recommended. Was $34.95 in Cat. RSC-14.
26-3104 . . . . 29.95

New Low Price! Color SCRIPSIT

Fast, easy and powerful word processing at a very low price! No more messy erasure marks or runny correction fluid. Type and edit your letters, themes and reports right on the screen. Insert, delete, move and duplicate words, sentences, even whole paragraphs. Text can be saved on tape (recorder optional) or printed "correction-free" with optional printer (outputs upper and lower case). Includes text search and replace. Was $34.95 in Cat. RSC-14.
26-3105 . . . . 29.95

Color Screen Print Utility

Provides multi-color printouts of color graphics scenes produced from any graphics program. For use with color ink-jet printer (26-1268) or any dot-matrix printer with bit-image capabilities for black and white printouts. Requires 16K Extended BASIC and cassette recorder. 26-3121 . . . . 9.95

New! Color Stat

A general-purpose data analysis program that can maintain your data files, calculate a wide variety of statistics on your data, display the results on your screen and list the results on your printer. Color Stat can perform these data analysis procedures: descriptive statistics, frequency distribution, graphic histogram, correlation statistics, linear regression equation, least squares prediction, matched-pairs t test, scattergram with regression line, multiple regression with two predictors and analysis of variance for up to five groups. Includes instruction manual. Requires 16K and cassette recorder.
26-3107 . . . . 24.95

New Low Price! Editor/Assembler

Develop 6809 software programs or subroutines. You get trial assembly of object code and execution of your program in-memory before final assembly to tape, an editor that enables you to change your program and reassemble, and Z-Bug for quick and easy testing. Requires 16K. Was $49.95 in Cat. RSC-14.
26-3250 . . . . 39.95

Color Compac

Cassette-based program features the software to configure your Color Computer's serial port for communication. Access major data bases, plus transmit and receive BASIC programs and machine language routines by phone. Requires modem, cable and cassette recorder.
26-3330 . . . . 29.95

Math, Science, Vocabulary and Programming

Atom. ① Teaches the names of elements, their atomic numbers, configurations and main properties. Includes beautiful wall poster. 26-3149 . . . . 19.95

New Low Price! Bingo Math. ① Three games to make math fun! Includes Bingo, Speed Math and Number Hunt. Was $24.95 in Cat. RSC-14. 26-3150 . . 19.95

Vocabulary Tutor. Match words with their definitions and place words in the appropriate sentences. For grades 3-5.

Vocabulary Tutor 1. ② 26-2568 . . . 8.95
Vocabulary Tutor 2. ② 26-2569 . . . 8.95

Color Computer Learning Lab. ② Self-teaching course in standard Color BASIC.
26-3153 . . . . 49.95

Assembly Language Tutor. ② Self-teaching guide to 6809 assembly language programming.
26-3148 (Avail. 9/30/85) 49.95

Color Math. Math skills for ages 6-14. Includes problems in addition and subtraction.
26-3201 . . . . 19.95

LEARN WITH THE COLOR COMPUTER

Spinnaker Software Makes Learning Fun for Your Child

Facemaker. It's really three games in one! The first game presents the child with a blank face to complete by choosing from sets of eyes, ears, noses, etc. The second game takes the completed face and lets the child enter simple instructions which make the face smile, wink, frown or wiggle its ears. Children become comfortable with computer fundamentals, such as menus, cursors, simple programs and graphics. Ages 3-8. 26-3166 . . . . 29.95

Kids on Keys. Three exciting games that teach your child the location of letters and numbers. As letters and numbers start raining down the screen, your child has to find the matching keys and strike them before the images disappear. Children learn to identify numbers, letters and words, and associate them with images they see on the screen. Ages 3-9. 26-3167 . . . . 29.95

Kindercomp. Children enjoy bright colors and neat sounds as they press different keys while trying to find letters or numbers on the keyboard that match the ones on the screen. Children become familiar with the keyboard and improve their reading readiness and counting skills. Ages 3-8. 26-3168 . . . . 29.95

Fraction Fever. As the child hops along on a graphic "pogo stick," he or she searches for a fraction that matches the one at the top of the screen. Spot the right fraction and ride to higher floors. Zap the wrong ones along the way and pile up points. The higher the child goes, the harder the fractions get, and the faster he or she must think to stay in the game. Children develop an understanding of what a fraction is, relationships between different fractions, and of the relationship between numerical and visual representations of fractions. Ages 7-Adult. 26-3169 . . . . 29.95

Alphabet Zoo. It's two zany games in one where children learn the relationships of letters and sounds, and also how to spell while they're having fun. Pick your players (maybe Tomato Head Fred or Millie Mushroom), then pick your playing level and off you go through the maze. You have to be quick or the letters you're chasing may move, and time is running out! Children strengthen their letter recognition skills as they associate letters of the alphabet with the sounds they represent. The game also helps sharpen a child's spelling skills. Ages 3-8.
26-3170 . . . . 34.95

Learning Games from the People Who Brought You Sesame Street!

Taxi. ③ Get behind the wheel of a taxi, choose a partner and drive through six different cities, anywhere from New York to Shanghai. Each time you pick up a passenger and deliver him or her safely, you'll earn a fare, but watch out for obstacles! Children are encouraged to work together toward a common goal, divide responsibilities, and build on one another's strengths. Ages 7-up. 26-2509 . . . . 19.95

Grover's Number Rover. ② Grover's Rover is ready to blast off and pick up Twiddlebugs. Grover has opened one window for each Twid on the ground, but it's up to you to help the Twids get on board. Children choose from six different games, including one they create themselves. Children learn number identification, counting, addition and subtraction. Ages 3-6. 26-2522 . . . . 19.95
CCW programs require Extended BASIC

Ernie's Magic Shapes. ② Ernie wears the top hat, but you're the magician. Choose how hard you want your game to be and Ernie will wave his magic wand and a shape will appear for you to match. Pick the right shape and Ernie's magic rabbit will hop on the screen. Children learn to sort out the things they see by matching shapes and recognizing similarities and differences. Ages 3-6.
26-2524 . . . . 19.95

Cookie Monster's Letter Crunch. ③ It's cookie time and your friend Cookie Monster is hungry! He's ready to bake cookies—but it's up to you to match letters and words as fast as you can. Six different levels to choose from. Children learn to match letters, words, practice letter recognition and letter sequencing skills. Ages 3-6. 26-2526 . . . . 19.95

Now Your Kids Can Learn With Walt Disney Characters!

Telling Time with Donald. ② Let Mayor Mickey and his friends show you how to tell time by the hour and half hour. Children learn the importance of telling time, how to identify parts of a clock and information about clock hands. Ages 5-8.
26-2530 . . . . 34.95

Mickey's World of Writing. ② King Mickey decrees the Rules of Capitalization to the Knights of I and the other letters in his realm. Children learn the basics of capitalization and sentence structure. Ages 8-11. 26-2532 . . . . 34.95

Space Probe:Math. ② The crew of the spaceship Palomino must use algebraic formulas to save an alien tribal society. Youngsters learn about word problems and the concepts of area and perimeter. Ages 7-14. 26-2537 . . . . 34.95

Mickey's Alpine Adventure. ② Mickey can save Donald from the avalanche if he can remember his long and short vowel sounds. Children learn about the sounds of vowels and consonants and learn important spelling rules. Ages 7-10.
26-2534 . . . . 34.95

Math Adventures with Mickey. ② Mickey and Minnie Mouse catch a ghost when they solve everyday math problems. Youngsters learn to effectively solve math problems and correctly use decimals. Ages 9-13. 26-2535 . . . . 34.95

Goofy Covers Government. ② Find out what the House of Representatives and the Senate do and how they work with the President. Youngsters learn about the American system of government and how it works. Ages 10-14. 26-2533 . . . . 34.95

① Joysticks required. ② Cassette recorder required. ③ Joysticks and cassette recorder required.

EXCITING COLOR COMPUTER GAMES

Enjoy the Challenge and Adventure of These Color Computer Games
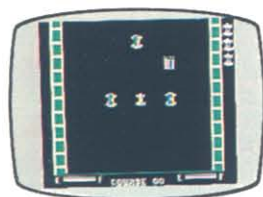
NEW! Demolition Derby. ① Maneuver your vehicle into other cars to cause them to crash. If you successfully complete one round, you get a chance for another. Compete on 16 different courses. 26-3044 . . . . 19.95

Star Blaze. ① Protect the Milky Way! Radar indicates menacing vessels nearby. Seek, destroy and check radar again. Red Alert! 26-3094 . . . . 19.95
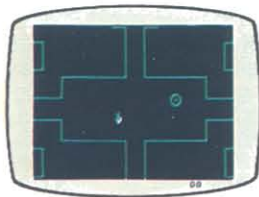
NEW! Temple of Rom. ① Explore the ancient temple for the hidden treasures. But be very careful where you go! The chambers are guarded by dangerous creatures. 26-3045 . . . . 19.95

Stellar Lifeline. ① You're commanding a spaceship "convoy" travelling between star bases. Clear the path of asteroids, magnetic mines and alien attack ships. 26-3047 . . . . 19.95

NEW! Cyrus. A chess game for beginners and pros. You can choose your level of play—from 5 seconds per move to 3 minutes per move. 26-3064 . . . . 29.95

New Low Price! Mega-Bug. ① A maze of fun! Try to lose the little "buggers" hot on your trail. Excellent color graphics. Was $29.95 in Cat. RSC-14. 26-3076 . . . . 19.95

New Low Price! Slay the Nerius. ① Defend your submarines against deadly starfish and the ancient seaworm—the Nerius. A fast-action arcade-type game. Was $24.95 in Cat. RSC-14. 26-3086 . . . . 19.95

NEW! 7 Card Stud. A game of stud poker with four players. The three other players gain characteristics based on your bets and hands. Great for a casual game or to sharpen your skills. 26-3074 . . . . . . 19.95

Spidercide. ① Escape the spider's silky trap! 26-3049 . . . . 19.95

NEW! Donpan. ① Experience Donpan's return to Donpan Island. Avoid the crazy crows and saw sharks. If you successfully get "home", you'll become "king". 26-3097 . . . . 19.95

New Low Price! Downland. ① Alone in a secret cave, you jump and climb from chamber to chamber, collecting keys, gold and diamonds. Each chamber is different—so watch out! Was $24.95 in Cat. RSC-14. 26-3046 . . . . 19.95

New Low Price! Galactic Attack. ① Enemy spaceships dive bomb your fortification. If you destroy this squadron, the enemy reverts to a deadly night attack. Was $24.95 in Cat. RSC-14. 26-3066 . . . . 19.95

NEW! Dragonfire. ① You must run across the bridge and dodge fireballs tossed by the dragon. Duck the high ones, leap the low ones to gain access to the treasure room. 26-3098 . . . . 29.95

Dungeons of Daggorath. You're pitted against a succession of awesome beasts. Each victory brings you closer to your ultimate opponent—the evil wizard. 26-3093 . . . . 29.95

Demon Attack. ① Protect the planet from a band of invading demons—all trying desperately to destroy your home. Be careful—this is just the beginning! 26-3099 . . . . 29.95

New Low Price! Clowns and Balloons. ① Bounce the clown with your net to pop the balloons overhead! Be careful—don't let the clown hit the ground! Was $29.95 in Cat. RSC-14. 26-3087 . . . . 19.95

New Low Price! Canyon Climber. ① As a cliff-hanger, you're challenged by one test after another—kicking goats, zinging arrows and falling objects. Was $34.95 in Cat. RSC-14. 26-3089 . . . . 29.95

Androne. ① Your computer has been invaded by Data Bugs. Call on Androne, a user-controlled robot to hunt through your memory banks and "de-bug" them. 26-3096 . . . . 19.95
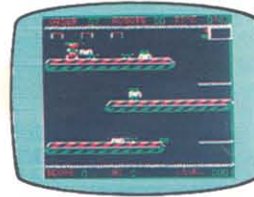
NEW! Panic Button. ① The pressure is on! The mad boss wants that order filled. The clock is ticking. Press the panic button to stop for a rest, but only for a second. 26-3147 . . . . 19.95

New Low Price! Poltergeist. ① Based on the hit movie! First, find clues. Then, climb stairs. Third, destroy the poltergeist. Was $29.95 in Cat. RSC-14. 26-3073 . . . . 24.95
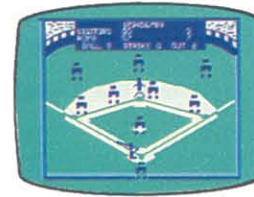
New Low Price! Baseball. ① Plays just like the real game! Fantastic graphics. Control pitching, running and defense. Make big-league decisions. Was $24.95 in Cat. RSC-14. 26-3095 . . . . 19.95

Cassette Game Software for Your Color Computer
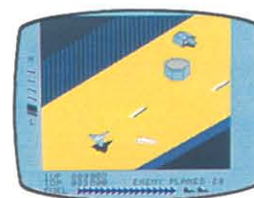
Zaxxon. ③ Dodge missiles, blow up fuel tanks and radar towers and zap the enemy fleet—then match wits with ZAXXON himself! 32K required. 26-3062 . . . . 34.95

Pyramid. ② Perilous adventure game! Explore the ancient pyramid's unknown passages for treasures! Carefully make your way past deadly hazards. 26-3310 . . . . 14.95

Raaka-Tu™. ② Venture into the temple of a lost civilization. The clever can gain vast treasures. Draw on your knowledge of magic and medicine. 26-3311 . . . . . 14.95

Bedlam. ② You're "in" and you want to get out of this nutty place! But can you trust Napoleon or the guy who calls himself X-Ray? 26-3312 . . . . 14.95

Madness and the Minotaur. ② Beware of the mystical Minotaur and other strange creatures as you search the labyrinth for hidden treasure. 26-3313 . . . . 14.95

Radio Ball. ③ A deluxe, high-resolution pinball game. Requires 32K. 26-3319 . . . . 19.95

Pooyan. ③ Take aim with your bow and arrows to protect the piglets from the wolves. Requires 32K. 26-3048 . . . . 29.95

① **Joysticks required.** ② **Cassette recorder required.** ③ **Joysticks and cassette recorder required.**

VIDEOTEX SOFTWARE AND MODEMS

Data Communications Modems

- 300 Baud
- Full Duplex
- Originate/Answer

NEW! FOR '86

NEW! FOR '86

Low As **59⁹⁵**

Use with any RS-232C-equipped computer. Bell 103 compatible. FCC registered. U.L. listed AC power module.

Ⓐ **Acoustic Coupler AC-4.** Accommodates round or square phone handsets. Also half duplex. 26-1179 . . . . 119.95

Ⓑ **NEW! DCM 3.** Plugs directly into modular phone outlet. DB25 and 4-pin DIN connectors. 26-1178 . . . . 59.95

Ⓒ **NEW! DCM 5.** Fully programmable. Automatically dials and answers phone, receives and transmits data, even hangs up phone. Also half duplex. 26-1177 . . . . 129.95

Intelligent High-Speed Modem

399⁹⁵

Low As $20
Per Month
on CitiLine ★

Automatically Selects 300/1200 bps Data Rate

DC-2212 Modem. High-speed transmission cuts long-distance costs to save you money! Automatically dials and answers phone, receives and transmits data, hangs up phone. Easy-to-use, menu-driven. Direct-connect, Bell 212A-compatible asynchronous or synchronous operation. Compatible with any RS-232C-equipped computer. FCC registered. U.L. listed. 26-1176 . . . . 399.95

RS-232C Selector Switch

Low As $20
Per Month
on CitiLine ★

149⁹⁵

Connect Up to Three RS-232C Devices

SW-303. Connect any three RS-232C devices to your computer. There are two switched ports for modems, digitizers, plotters and more—one configurable port for communication between two computers. U.L. listed AC power module. Cables not included. 26-1499 . . . . 149.95

Access Information by Phone with Videotex Software

CompuServe Information Service

Get "on line" with this exciting information service—and the first hour is free! CompuServe offers local, national and international news (read headlines before they've gone to press!), weather and sports from major newspapers like *The New York Times* and *The Washington Post*, plus the full newswire service of the Associated Press. Get historical information and updates on over 32,000 stocks, bonds and securities. There's also a home and educational reference service and computer games. Send and receive "electronic mail". Get 16K of RAM workspace and 128K of disk storage. All this available at CompuServe's low hourly rate (additional charges for some services).

Dow Jones News/Retrieval

A "direct line" to Wall Street—and the first hour is free! Dow Jones News/Retrieval gives you current market quotes (subject only to the mandatory 15-minute delay) on all stocks, bonds and options traded on the major exchanges—plus selected U.S. Treasury issues. Detailed financial statistics compiled by Media General Financial Services are available for all NYSE and AMEX traded companies. There's also "electronic editions" of *The Wall Street Journal*, *Barron's* and the Dow Jones "Broadtape"—as recent as 90 seconds and as far back as 90 days.

Low-Cost Videotex Packages

Videotex software packages allow access to national information networks and data bases using your computer and an optional-extra telephone interface. Simply dial a phone number (usually local), press a few keys and the desired information appears on your screen.

Everything You Need

Each easy-to-use package includes a Videotex software manual, CompuServe manual, ID number and password, and a Dow Jones manual and password. You also get one FREE hour on both the CompuServe and Dow Jones! After that, you'll be billed at their low hourly rates.

Color Computer Package.
26-2222 . . . . 29.95

Universal Sign-Up Kit. No software included. Intended for use with your software or terminal. 26-2224 . . . . 19.95

Videotex Plus

A powerful and sophisticated communications package for your disk system. Videotex Plus lets you communicate with any computer information service (with the same communications protocol as Videotex), such as CompuServe and Dow Jones News/Retreival. It's simple to use, yet loaded with features to help you minimize connection time. There's even an option that lets you use the auto-dial feature found on many telephone modems.

Videotex Plus also includes on-screen editing to tailor the auto log-on sequence.

Model I Cassette Package.
26-1139 . . . . 9.95

Model I/III Package. I/III Ⓐ Requires telephone modem. Includes one free hour on CompuServe and Dow Jones.
26-1588 . . . . 49.95

Model 4 Package. 4 Ⓔ Same as above.
26-1598 . . . . 49.95

Model II/12 Package. Same as above.
26-4721 . . . . 49.95

Tandy 2000 Package. Same as above.
26-5260 . . . . 49.95

New Low Price! Executive Information Service

An easy and efficient way to get the precise information you want for your business and personal needs. Get current and historical stock prices on over 50,000 securities, corporate financial history and future earnings estimates, key demographic data and statistical tools, plus business information and news wires. You also get electronic mail, conferencing and professional forums, airline schedules, electronic banking, shop-at-home and much more. Includes two hours of connect time for any time of day and user's guide. You will then be billed by low monthly rates. Requires modem and Videotex. Was $89.95 in Cat. RSC-14.
26-3848 . . . . 69.95

Use Modems only with Bell-compatible equipment.
Direct-connect modems are not for multi-line use without optional-extra controller.

CITILINE

★ CITILINE
REVOLVING CREDIT
See Page 2   49

MODEL 100 PORTABLE COMPUTER

With 24K Memory

599⁰⁰

Low As $28 Per Month on CitiLine ∗

- Five Built-In Management Programs
- Full-Size Typewriter-Style Keyboard
- Direct-Connect Modem and Telephone Auto-Dialer
- 8-Line by 40-Character Display

24K Model 100 Portable Computer. A technological "first"—Model 100 was the first computer to feature five instant-on programs, an 8 × 40 display and a modem—all built in. Use Model 100 as a personal word processor, address/phone directory, appointment calendar and telephone auto-dialer. Access other computers or national information services by phone with the built-in modem and communications program. You can even write your own programs in BASIC. Includes parallel, RS-232C, cassette and bar code reader interfaces. Weighs less than 4 lbs. Requires four "AA" batteries. 26-3802 .... 599.00

Model 100 Legs. 26-3812 .... 3.99

8K RAM Upgrade. Add up to three modules for up to 32K. Requires installation (not included). 26-3816 .... 119.95

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. **Clock Speed:** 2.4 MHz. **Memory:** 32K ROM; 24K RAM, expandable to 32K. **Keyboard:** Full-size 56-key typewriter style with embedded 10-key datapad, plus 8 programmable function keys, 4 command keys and 4 cursor control keys. **Display:** 8 × 40 Liquid Crystal Display, upper and lower case ASCII characters. 240 × 64 dot-matrix graphics. **Modem:** Built-in FCC-registered direct-connect modem with auto-dialer. 300 baud. Originate and answer. **Input/Output:** Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Cassette tape interface loads at 1500 baud. Standard bar-code reader interface. **Dimensions:** 2 × 11⁷/₈ × 8¹/₂". **Weight:** 3.9 lbs. **Power Supply:** Operations—Up to 20 hours on 4 "AA" alkaline batteries or optional U.L. listed AC power supply. Memory—Internal rechargeable nickel-cadmium batteries will maintain memory intact for up to 30 days with power off (depending on the amount of RAM installed) and are automatically recharged from "AA" batteries or AC power.

Accessories for Your Model 100 and Tandy 200 Portable Computer

Disk/Video Interface

499⁰⁰

Was $799.00 in Cat. RSC-14

NEW LOW PRICE!

Low As $23 Per Month on CitiLine ∗

- Built-In Disk Drive
- Use a TV or Monitor

Shown with optional second disk drive, computer and monitor (not included).

Disk/Video Interface. Turn your Tandy 200 or Model 100 into a versatile disk-based home or office system! Built-in 184K disk drive lets you create, store and retrieve files on diskette. Provides a 40-character by 25-line screen with your TV, or an 80 × 25 display with a standard video monitor. Leaves all standard computer connectors free for use with accessories. All cables included. Model 100 use requires 16K. 26-3806 .... 499.00
Second Disk Drive. Installation not included. 26-3807 ... 239.95
New Low Price! VM-2 Monochrome Monitor. Was $159.95 in Cat. RSC-14. 26-3211 .... 149.95

Portable 3¹/₂" Micro Floppy Disk Drive

NEW FOR '86

199⁹⁵

Low As $20 Per Month on CitiLine ∗

Add Portable Disk Storage to Your Tandy 200 or Model 100

Tandy 200/Model 100 Portable Disk Drive. Get fast access to 100K of data on 3¹/₂" floppies. Features menu-driven operation, list of files on disk, plus FORMAT, SAVE, LOAD, KILL and RENAME functions. Transfers data at 19,200 baud. Battery warning lamp, disk access lamp. When the batteries are low, and the unit is in process of saving, loading or backing up, it will finish its job before shutting down. Unit will not function if batteries are low, but will finish the job. Initialization software included. Weighs 1³/₄ lbs. 2 × 4¹⁵/₁₆ × 6¹/₈". Requires four "AA" batteries or AC Adapter (not included).
26-3808 (Avail. 10/30/85) 199.95

On-the-Go Accessories

Ⓐ Ⓑ Ⓒ

Ⓐ **Acoustic Coupler.** 26-3805 ...... 39.95	
Ⓑ **Briefcase.** 26-3809 .... 49.95	
Ⓒ **Carrying Case.** 26-3811 .... 39.95	
Printer Cable. 26-1409 .... 14.95	

Direct-Connect Modem Cable. With one free hour on CompuServe and Dow Jones News/Retrieval. 26-1410 .... 19.95
AC Adapter. U.L. listed. 26-3804 .... 5.95

Versatile Bar Code Reader

99⁹⁵

Low As $20 Per Month on CitiLine ∗

An optical scanning device that's ideal for inventory control, billing and couponing. Software drivers, callable from BASIC, allow you to read Universal Product Code, 3 of 9, Plessey and other bar code formats. Plugs into Tandy 200 or Model 100 bar code reader interface. 26-1183 .... 99.95

TANDY 200 WITH MULTIPLAN BUILT IN

With 24K RAM **999⁰⁰**

Low As $46 Per Month on CitiLine *

- Features Six Built-In Programs, Including Multiplan Spreadsheet Analysis, Plus Alarm and Four-Function Calculator
- 24,000 Characters of Internal Memory—Expandable to 72K in Banks of 24K
- Incredibly Legible Flip-Up 16-Line by 40-Character Liquid Crystal Display

Tandy 200. Our Tandy 200 portable computer does what no other computer could—it takes our amazing Model 100 one step further. The Tandy 200 represents a true second generation in portable computers, with built-in software, improved features, a bigger screen and a larger memory. All designed to make the Tandy 200 a more potent portable problem-solver.

For complex spreadsheet analysis and calculations, we put popular Multiplan software into the Tandy 200's permanent memory. Just turn on your portable Tandy 200, press a button and you've got a powerful decision-support tool at your fingertips. Do sales forecasts, profit-and-loss projections, budgeting, pricing, engineering calculations and more.

An improved version of the Model 100's easy-to-use word processing program makes Tandy 200 especially useful for journalists, salespeople, engineers, students and anyone who needs to write letter-perfect memos, reports and correspondence in a hurry. Edit, delete and move blocks of text with just the touch of a function key. The Tandy 200 gives you the convenience of a personal word processor for use anytime, anywhere.

Four other "instant-on" programs let you use the Tandy 200 as your personal appointment calendar, address and phone directory, and

telephone auto-dialer (the Tandy 200 generates tone-dialing pulses, so you can use it with long-distance services). A much more powerful built-in program for communications makes it easy to access other computers by phone. You can even create your own programs in BASIC, too.

The Tandy 200's high-contrast flip-up liquid crystal display has 240 × 128 resolution for big, clear graphics and easy-to-read characters. The 16-line by 40-character display makes the Tandy 200 particularly well-suited to word processing and spreadsheet duties, and with simple BASIC commands, you can add dot-addressable graphics to your text.

To take advantage of the Tandy 200's powerful new capabilities, we increased the standard memory size to more than 24,000 characters. Additional optional 24K expansion modules let you increase the memory up to 72K.

Best of all, the Tandy 200 has parallel printer, RS-232C, cassette and bar code reader interfaces for added versatility. You can even add disk storage and a monitor for a complete desktop system.
26-3860 .... 999.00

24K RAM Upgrade. Add up to two memory modules for a total of 72K. Requires installation (not included). 26-3866 .... 249.95

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. **Clock Speed:** 2.4 MHz. **Memory:** 72K ROM, expandable to 104K; 24K RAM, expandable to 72K. **Keyboard:** Full-sized 56-key typewriter style with embedded data pad, plus 8 programmable function keys, 4 command keys and 4 cursor control keys. **Display:** 16 × 40 liquid crystal display, upper and lower case ASCII characters, 240 × 128 dot-matrix graphics. **Modem:** Built-in 300-baud direct-connect modem with auto-dialer. FCC registered. Originate and answer modes. Tone dialing signals. **Input/Output:** Parallel printer interface. RS-232C serial communications interface programmable up to 19,200 baud. Cassette tape interface loads at 1500 baud. Standard bar-code reader interface. **Dimensions:** 2³/₁₆ × 11³/₄ × 8¹/₂". **Weight:** 4.5 lbs. **Power Supply:** Operations—Up to 16 hours on 4 "AA" alkaline batteries, and can use nickel-cadmium rechargeable batteries with minor additional-cost modification. Optional U.L. listed AC/DC charger/adapter available. Memory—Internal rechargeable nickel-cadmium batteries will retain memory for up to 15 days with power off (depending on the amount of RAM installed).

PORTABLE/POCKET SOFTWARE

Cassette, Disk and ROM Programs for Model 100

New! Remote Disk. Allows you to use your Model I/III/4/II/12 disk drive as a storage area for your Model 100 files. Easy to use and self booting. Includes cassette and diskette.
26-3839 . . . . 59.95

Assembler/Debugger. Debug, write and assemble machine language code.
26-3823 . . . . 49.95

Data Manager (Disk). With user-defined record and report layouts. Requires 24K, cassette recorder and Disk/Video Interface.
26-3841 . . . . 69.95

Project Scheduler. Divide a large job into individual tasks. Requires 24K and cassette recorder. 26-3843 . . . . 39.95

Bar Code Generator. Takes input from Model 100 TEXT files and produces bar codes in six forms. Requires 24K, cassette recorder, printer and cables.
26-3845 . . . . 34.95

Bar Code Reader. Allows bar code wand to read Interleaved Two of Five, Codabar and UPC-E bar codes. Requires 16K, cassette recorder and wand. 26-3846 . . . . . 19.95

Tandy Code Read/Write. Generates and reads modified NATI code. Requires 24K, cassette recorder, printer, cable and bar code wand. 26-3847 . . . . 24.95

Model 100 Spectaculator®. A mini-spreadsheet divided into rows and columns. Requires 16K memory.
26-3828 . . . . 49.95

Data Manager (Cassette). Lets you store examine, update and list a variety of information—from personal records to appointment schedules.
26-3836 . . . . 39.95

Business Finance. Twelve programs for business and personal finance applications. 26-3831 . . . . 39.95

SCRIPSIT® 100. Turns the Model 100 into a true word processor –with far more power and sophisticated features than its built-in word processing software. Features advanced formatting capabilities. Requires printer.
26-3830 . . . . 39.95

Expense/Graph Plus. Produce expense account reports or for planning and budgeting. Create pie, bar or line graphs of any reports.
26-3837 . . . . 49.95

Data/Sort Plus. Powerful data base management system. Also allows fast information entry using the Bar Code Reader.
26-3838 . . . . 49.95

Business Decisions. Programs include Inventory Replenishment Analysis, Sequential Decision Analysis, Financial Ratios, Break-Even Analysis, Linear Programming and Pricing Table. Requires 24K memory.
26-3832 . . . . 39.95

Personal Finance. Keep up with expenses, compare budgeted amounts to actual costs, reconcile monthly check statements and more.
26-3822 . . . . 19.95

Calculator. Powerful math "scratchpad" for finance and regular math functions.
26-3827 . . . . 19.95

Statistics. Generate reports for descriptive statistics, frequency distribution, histogram, correlation, regression, time series analysis and much more.
26-3825 . . . . 29.95

Executive Calendar. Display your scheduled appointments or a calendar for any month of any year with a few keystrokes.
26-3833 . . . . 19.95

Function Plotter. Graph almost any algebraic function of one or two variables, including planar cartesian, planar polar, three-dimensional cartesian and cylindrical polar. Requires either the CGP-215 or CGP-115 printers, FP-215 printer/plotter or the multi-pen plotter.
26-3834 . . . . 19.95

Investment Analysis. Helps optimize investment decisions. Includes bonds analysis, options trading, and commissioning programs.
26-3824 . . . . 69.95

Starblaze-100. Destroy alien ships to save the galaxy.
26-3840 . . . . 19.95

BASIC Language Lab. A complete and easy-to-understand tutorial on Model 100 BASIC. Covers redefining function keys, automatic program execution and more. With examples.
26-3821 . . . . 29.95

ROM Software

New! Interactive Solutions

Contains three programs: Data Manager, Spreadsheet and Text Formatter. Uses optional ROM socket—does not occupy RAM. 26-3844 . . . . 149.95

Multiplan

A portable version of the popular spreadsheet analysis program—does not occupy Model 100 RAM. 26-3829 . . . . 149.95

New! Tandy 200 Cassette Programs

Text Power 200

Turns your Tandy 200 into a true word processor—much more powerful than the built-in word processing program. Includes advanced formatting capabilities.
26-3881 (Avail. 10/31/85) 39.95

Project Scheduler

Divide a large job into individual tasks.
26-3893 (Avail. 10/31/85) 39.95

Data Manager

Lets you store, examine, update and list a variety of information—from personal records to appointment schedules.
26-3886 (Avail. 10/31/85) 39.95

Time Minder

Display your scheduled appointments or a calendar for any month of any year.
26-3883 (Avail. 10/31/85) 39.95

Express Order Service

Choose from the hottest names in software with our Express Order Software service at Radio Shack Computer Centers, participating stores and dealers. You'll get your software fast and professionaly supported by independent vendors.

Choose from Our Library of Ready-to-Run Pocket Computer Software

PC-2 Programs

Personal Finance. Budget management, electronic checkbook, interest and annuities, more. 26-3700 . . . . 19.95

Business Finance. Loans, annuities, bond prices, compound interest, yield, depreciation, more. 26-3703 . . . . 19.95

Games Pak. 26-3702 . . . . 14.95

Invasion Force. Destroy enemy aliens before they destroy you. (4K RAM module required.) 26-3705 . . . . 9.95

Math Pak I. 26-3709 . . . . 14.95

Statistics. 26-3704 . . . . 29.95

Pocket Organizer. 26-3706 . . . . . . 19.95

Flight Planning. 26-3707 . . . . 24.95

Chemistry Math. 26-3708 . . . . 14.95

Investment Analysis. 26-3712 . . . 49.95

Graphics Pak. 26-3715 . . . . 19.95

PC-1 and PC-3 Programs

Business Statistics. Ideal for marketing and sales decisions, forecasting, more.
26-3516 . . . . 19.95

Statistical Analysis. Includes correlation and regression, ANOVA, Chi-square, distributions (normal, t, F, X2), and multiple linear regression. 26-3522 . . . . 24.95

Engineering Math I. Performs Gaussian matrix reduction, matrix multiplication and inversion. 26-3525 . . . . 7.49

Engineering Math II. Performs common

3-D vector operations, complex numbers, more. 26-3526 . . . . 7.49

Engineering Math III. Solves simultaneous equations, polynominals, simple calculus. 26-3527 . . . . 5.49

Engineering Math IV. Solves variety of triangle problems. 26-3528 . . . . 3.95

Games II. Missle, Blackjack, Baccarat, Aceyducey, Numguess, more.
26-3523 . . . . 14.95

Calendars. Programs to solve date-related problems. 26-3529 . . . . 19.95

Banners. Create big, eye-catching messages and signs. Requires Printer/Cassette Interface. 26-3531 . . . . 9.95

Golf Handicapping. 26-3532 . . . . . 14.95

HANDY POCKET COMPUTER POWER

PC-5 Pocket Scientific Computer

NEW FOR '86

Folds Up to Only
$3/8 \times 5^5/8 \times 5^5/8''$

119⁹⁵ Low As $20 Per Month on CitiLine*

- 75 Built-In Scientific Functions
- Programs in BASIC and Assembly Language

Pocket Calculator Computer PC-5. An ideal tool for engineers and students, the PC-5 combines the best features of a powerful scientific calculator and a pocket computer. Performs up to 75 built-in scientific calculations—or write your own programs in BASIC or assembly language. Retains programs and data even when power is off. A built-in Note and Address File keeps important telephone number or engineering data and formulas handy. Features an easy-to-read, 24-character LCD. Uses PC-4 Cassette Interface and Printer with PC-5 Cable (all sold separately). 4K RAM. Includes battery. 26-3670 (Avail. 11/30/85) 119.95

PC-5 Cable. For use with PC-4 Cassette Interface and PC-4 Printer. 26-3671 (Avail. 11/30/85) 14.95

Low-Cost PC-4 Pocket Computer

NEW LOW PRICE! ## 59⁹⁵

Was $69.95 in Cat. RSC-14

- Measures $3/8 \times 6^1/2 \times 2^3/4''$
- 544-Character Memory

Pocket Computer Model PC-4. Lets you keep up to 10 short programs in memory or combine the programming area for longer programs. BASIC language includes 23 commands, 15 functions and 10-digit numeric accuracy. Use just two keystrokes to enter up to 16 common commands. Edit and Debug modes make the PC-4 easier to program than a programmable calculator. Typewriter-style keyboard includes 53 alphabetic keys and a 10-key numeric datapad. A big 12-character LCD scrolls to 62 characters. With batteries and manual. 26-3650 . . . . 59.95

Peripherals to Complete Your PC-4

39⁹⁵ ## 79⁹⁵

PC-4 Cassette Interface. Store and load programs on cassette tapes! Operates at 300 baud using an optional cassette recorder. Plugs into rear of PC-4. Weighs $8^1/2$ oz, including batteries. Requires two "AA" alkaline batteries. 26-3651 . . . . 39.95

PC-4 Printer. Prints at 20 characters per line (60 lpm) in an electro-thermal 5×7 dot matrix. Includes rechargeable batteries and U.L. listed AC ada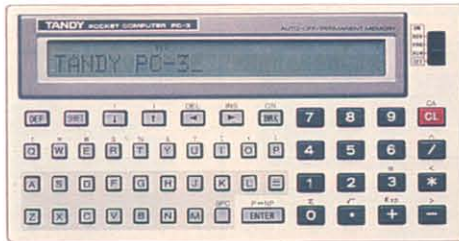pter/charger that can power a complete PC-4 system. 26-3652 . . . . 79.95

1K RAM Module. Triples memory of PC-4. 26-3653 . . . . . . 19.95

Carrying Case. Protects PC-4, interface and printer. 26-3654 . . . . 7.95

PC-4 Thermal Paper. 65-711 . . . . Pkg. of 5/1.99

Powerful PC-3A Pocket Computer

- Built-In 4K Memory
- 16 Arithmetic Functions

99⁹⁵ Low As $20 Per Month on CitiLine*

Pocket Computer Model PC-3A. Fits in pocket or purse, yet delivers real computing power. Program the PC-3 in BASIC to solve tough problems, or add the interface and a cassette recorder to use our ready-to-run software (see below). Use strings of up to seven characters. Features 24-character LCD, 10-digit accuracy, 2-digit exponents, multiple statements, arrays, edit and trace. Automatic power-off. With batteries and manual. 26-3589 . . . . 99.95

PC-3 Printer/Cassette Interface

- Prints on Thermal Paper
- Stores Programs on Cassette

119⁹⁵ Low As $20 Per Month on CitiLine*

Shown with PC-3 (not included)

PC-3 Printer/Cassette Interface. Prints 24 characters per line at one line per second, with wrap-around. Ideal for program listings and "instant" data printouts at home, office and in the field. Add a cassette recorder to save and load programs and data. Slip PC-3A into the interface and you're ready to go! Measures $1^1/4 \times 9^7/16 \times 3^3/4''$. With U.L. listed AC adapter/charger, paper, cable, manual. 26-3591 . . . . 119.95

PC-3 Thermal Paper. $2^1/4''$ wide. 26-3592 . . . . Pkg. of 5/2.49

Pocket Computer Software Library

Need ready-to-run programs for your Pocket Computer? A variety of useful and entertaining software is available on special order for your PC-1, PC-2 and PC-3. These include financial, engineering, special-purpose programs and games. Check with your local Radio Shack Computer Center or participating Radio Shack store or dealer for available titles.

COMPUTER ACCESSORIES

Computer Cassette Recorders for Loading and Saving Programs

A "Must" for
Our Tape-Based
Computers

Ⓐ CCR-81 Recorder
59⁹⁵

Ⓑ CCR-82 Recorder
49⁹⁵

■ Computer Starts and Stops the Recorder Automatically
■ Built-In Automatic Level for Best Recording Possible
■ Cue/Review and Digital Tape Counter for Easy Indexing

Ⓐ **CCR-81.** Ideal for loading and saving your own programs and data on cassette tapes or using our ready-to-run cassette software. Battery/Record LED indicator. 10¹/₂ × 5³/₄ × 1¹³/₁₆". Includes cable. U.L. listed AC operation or four "C" batteries (not included). 26-1208 .... 59.95

Ⓑ **CCR-82.** Our most compact, lowest-priced CCR! Features volume control with preset marker. You can also monitor sound while saving programs and data. Tape counter matches CCR-81 to permit interchange of tapes. 7¹/₈ × 4¹¹/₁₆ × 1⁵/₁₆". Includes cable. Requires four "AA" batteries or AC adapter (not included). 26-1209 .... 49.95

Stock Up on High-Quality Computer Cassettes

Low As
1⁸⁹
Each

■ Ideal for Program and Data Storage
■ Certified Free of Drop Outs and Defects
■ Reinforced Ends Won't Pull Loose
■ Each Cassette Includes a Hinged Plastic Storage Box for Protection

Deluxe C-20 Cassette Tape. "Reel-to-reel" design in a clear shell. 26-308 .... 3.79
C-20 Tape. 26-301 .... 2.79
C-10 Tape. 26-302 .... 1.89

Quantity	Deluxe C-20 (Each)	C-20 (Each)	C-10 (Each)
1-11	3.79	2.79	1.89
12-23	3.39	2.49	1.69
24-47	2.99	2.19	1.49
48-Up	2.69	1.99	1.39

Computer Equipment Security System

■ Low-Cost Theft Deterrent
■ Easy to Install— No Holes to Drill or Modification Required

NEW FOR '86
24⁹⁵

Includes user-resettable combination lock, 3-ft. vinyl-coated steel cable, 3 mounting plates and instructions. Plates attach by special acrylic adhesive. 26-1376 .. 24.95
Expansion Set. Two plates and surface preparation kit. 26-1377 .... 11.95

Computer and monitor not included.

Keyboard Cover
12⁹⁵

Protects your Model III or 4 keyboard from dust and dirt when not in use. 26-1342 .... 12.95

Anti-Glare Mask
16⁹⁵

Cut Glare and Reflections

Nylon mesh screen improves contrast without loss of monitor resolution. Installs in seconds on Model I/II/III/4/12/16. 26-511 ...... 16.95

Universal Monitor Pedestal
NEW FOR '86 **16⁹⁵**

Adjustable platform rotates and tilts. Holds all Tandy monitors. Color and finish matches monitors. Base measures 11 × 10¹/₄".
26-1369 (Avail. 10/30/85) ... 16.95
Computer and monitor not included.

Typing Easel
17⁹⁵
Keeps Pages in Place

Adjustable T-bar (8³/₄" to 13⁷/₈") and friction pads keep books open and in place. Cushioned base. Folding legs. 73-2003 .... 17.95

Hanging Binders

Store and protect your printed reports. Pressboard binders with steel wire posts. Pkg. of 2.
14⁷/₈ × 11". 26-1339 .... 7.95
9¹/₂ × 11". 26-1340 .... 7.95

Deluxe Printer Platform
NEW FOR '86 **49⁹⁵**
Stack Paper Under Printer
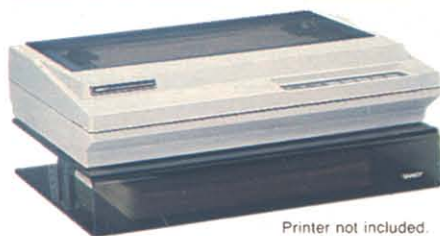
Printer not included.

Saves desk space. Elevates your wide-bed (132-column) printer so paper feeds from below (3" clearance). Smoked acrylic. 3¹/₂ × 22 × 16".
26-1383 .... 49.95

TV/Monitor Screen Cleaner
3⁹⁵

■ 4 oz. Pump
■ Includes Lint-Free Wipe

Cleans smudges. Helps prevent dirt and dust build up.
44-1150 .... 3.95

Flexible Cord Cover
NEW FOR '86 **11⁹⁵**

Reduce danger of tripping on electrical and phone cords. Hugs floor with double-sided tape (included). Insert cords up to ¹/₂" diameter. 6 ft. Beige. 26-1379 .... 11.95

54

DISKETTES AND MEDIA STORAGE
Certified 3½", 5¼" and 8" Unformatted Diskettes

- Quality—Manufactured to the Highest Standards of Excellence
- Reliability—You're Assured That Your Programs and Data Are Safe

Single-Sided

New! 3½" Diskettes

Tracks	Quantity	Cat. No.	Price
80	3	26-415	16.95
80	10	26-416	54.95

5¼" Diskettes

Tracks	Quantity	Cat. No.	Price
40	1	26-305	3.49
40	3	26-405	8.99
40	10	26-406	24.95

8" Diskettes

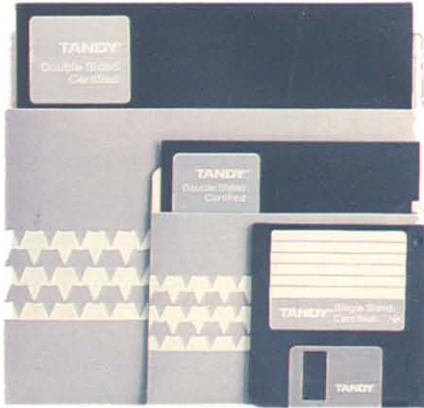| Tracks	Quantity	Cat. No.	Price
77	3	26-4904	12.95
77	10	26-4906	34.95

Double-Sided

5¼" Diskettes

Tracks	Quantity	Cat. No.	Price
40	3	26-411	9.95
40	10	26-412	27.95

5¼" Diskettes

Tracks	Quantity	Cat. No.	Price
80	3	26-409	13.95
80	10	26-410	39.95

8" Diskettes

Tracks	Quantity	Cat. No.	Price
77	3	26-4961	16.95
77	10	26-4960	44.95

5¼" **Replacement Labels.** 26-307 . . . . Pkg. of 54/1.95
8" **Replacement Labels.** 26-4955 . . . . Pkg. of 54/1.95

Our diskettes are double coated with an advanced ferric oxide blend to provide maximum lubrication and resistance to diffusion. All diskettes are unformatted, double-density and soft-sectored.

Buy in 10-Pack Quantities and Save

Type	Cat. No.	1-4 (Per 10-Pack)	5-9 (Per 10-Pack)	10 + (Per 10-Pack)
5¼" SS (40)	26-406	24.95	22.95	21.95
5¼" DS (40)	26-412	27.95	24.95	23.95
5¼" DS (80)	26-410	39.95	35.95	33.95
8" SS (77)	26-4906	34.95	31.95	29.95
8" DS (77)	26-4960	44.95	39.95	37.95
3½" SS (80)	26-416	54.95	49.95	46.95

DISKETTE CLUB 40% Savings
Issued to:
By:
Get 40% off any 3-pack of diskettes each month for a year!

Free! Get Your Tandy Diskette Discount Card Today!

Stop by and pick up your free Diskette Discount Card at any Radio Shack Computer Center, participating Radio Shack store or dealer. The Card enables you to save 40% on any 3-Pack of diskettes each month for a whole year. Get your Card today and start saving!

Economical Diskette Storage Box

Low As **12⁹⁵** Now 3 Sizes

Organize your floppy disks with five adjustable dividers. Stackable for convenient storage. Sturdy, high-impact styrene. Built-in handle.
NEW! 3½". Holds 30.
26-1381 . . . . 12.95
5¼". Holds 50. 26-1362 . . . . 14.95
8". Holds 50. 26-4953 . . . . . . 24.95

Disks not included

Diskette Library Boxes

Now 3 Sizes Low As **2⁹⁵**

Store like a book when closed, flip through your diskettes when opened.
NEW! 3½". Holds 5.
26-1380 . . . . Pkg. 2/2.95
5¼". Holds 10. 26-1452 . . . . . . 4.95
5¼" Travel Tote. Holds 5.
26-1348 . . . . 2.95
8". Holds 10. 26-4952 . . . . 5.95

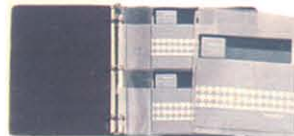Disks not included

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Protect Your Diskettes With Disk Envelopes

NEW! FOR **86**

7⁹⁵

5¼" **Wallet File.** Rugged binder for long-term use. Anti-static vinyl pages. Holds 10 diskettes.
26-1366 . . . . 7.95

Diskettes not included
Universal Data Binder. 3-ring for disk envelopes. 26-1310 . . . 5.95
5¼" Disk Envelopes. Holds 2. Package of 10. 26-510 . . . . . 7.95
8" Disk Envelopes. Holds 1. Package of 10. 26-4907 . . . 7.95

Disk Drive Analyzer Diskette

29⁹⁵

Pre-programmed diskette automatically analyzes disk drive radial alignment, rotational speed, clamping ability and write/read accuracy in less than two minutes. Indicates whether drive passes or fails each test. Includes complete instructions.
5¼". For Model III/4/4P. 26-413 . . 29.95

Three Helpful Programming Aids
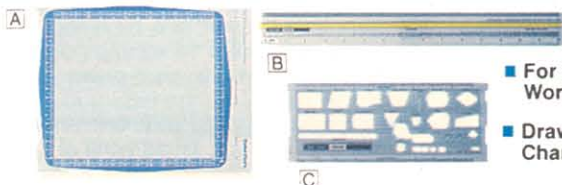
- For Professional Worksheets
- Draw Legible Flow Charts

Ⓐ **Model I/III Graphics Worksheets.** 26-2105 . . . . 100 Sheets/4.95
Ⓑ **Printview Ruler.** 26-1313 . . . . 3.50
Ⓒ **Flowchart Template.** 26-1312 . . . . 3.95

Universal Disk Drive Head Cleaning Kits

Low As **7⁹⁵** Each
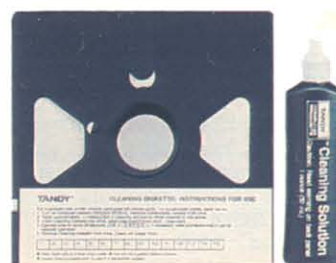
Cleans drive heads safely and easily. Just apply special solution to cleaning diskette and run in drive for 30 seconds. With cleaning diskette, solution and instructions.
NEW! 3½". 26-419 . . . . 9.95
5¼" Drive Kit. 26-408 . . . . . . 7.95
8" Drive Kit. 26-4957 . . . . 8.95

CABLES AND ACCESSORIES

- Quality Engineered to Perform to Highest Standards
- Add Maximum Flexibility And Convenience

Parallel Printer Cables

Fig.	Use With	Description	Cat. No.	Each
A	Model I/III/4/4P/1000	34-pin card edge to 36-pin plug, 6'	26-1401	34.95
A	Model I/III/4/4P/1000	34-pin card edge to 36-pin plug, 12'	26-1368	39.95
B	Model II/12/16/16B/2000/6000	34-pin header to 36-pin plug, 6'	26-4401	34.95
B	Model II/12/16/16B/2000/6000	34-pin header to 36-pin plug, 12'	26-1323	39.95
C	Tandy 1200/IBM PC	DB25 to 36-pin plug, 6'	26-1347	34.95
C	Tandy 1200/IBM PC	DB25 to 36-pin plug, 12'	26-1371	39.95

Serial Printer Cables

Fig	Use With	Description	Cat. No.	Each
D	PC-5	12-pin to 12-pin	26-3671	14.95
E	Color Computers/MC-10	4-pin DIN to 4-pin DIN	26-3020	4.95
F	DT-100 Terminal	4-pin DIN to DB25	26-1361	16.95

Color Computer/MC-10 Interface Cables

Fig.	Function	Description	Cat. No.	Each
E	To modems	4-pin DIN to 4-pin DIN	26-3020	4.95
F	To RS-232 ports	4-pin DIN to DB25	26-3014	16.95

Cassette Recorder Cable

Fig.	Use With	Description	Cat. No.	Each
G	Computers with cassette port	5-pin DIN to Audio (3 plugs)	26-1207	5.95

Model 100/Tandy 200 Interface Cables

Fig.	Function	Description	Cat. No.	Each
H	To parallel printer	34-pin header to 36-pin plug	26-1409	14.95
I	Direct connect modem to modular phone jack	Includes free hour on both CompuServe and Dow Jones News/Retrieval Networks	26-1410	19.95

Universal RS-232C Communications

| Fig.	Function	Description	Cat. No.	Each
J	Model III/4/12/16B/1000/1200/2000/6000	Male DB25 to DB25, 5-ft. Ribbon	26-1408	19.95
K	For Model II/16	Male DB25 to DB25 5-foot round cable with terminator	26-4403	39.95
L	For Model 12/16B/1000/1200/2000/6000 or with 26-1497	10-foot round cable	26-1490	29.95
		25-foot round cable	26-1491	39.95
		50-foot round cable	26-1492	54.95
		100-foot round cable	26-1493	79.95
M	Joins cables together for longer runs	RS-232C Cable Connector	26-1495	19.95
N	Allows two CPUs to communicate directly through "modem" software	Null Modem Adapter	26-1496	16.95
O	Allows use of round RS-232C cables with Model III/4/DT-1	8-inch flat extender	26-1497	17.95
N	Allows Tandy 6000 RS-232C card to use standard modem	Modem Adapter	26-1373	19.95

Model III/4/DT-1

CPU—Model III/4/DT-1

Any CPU
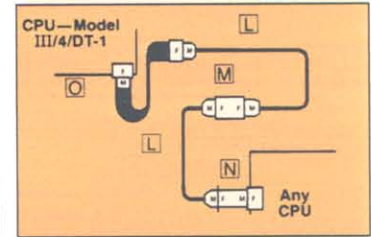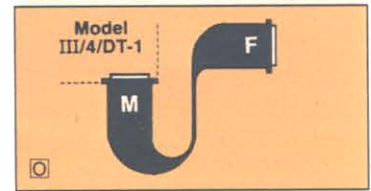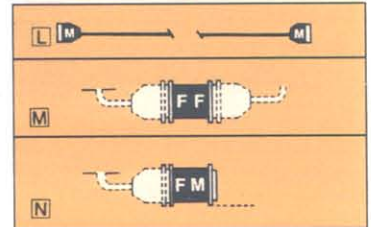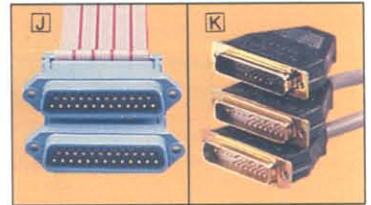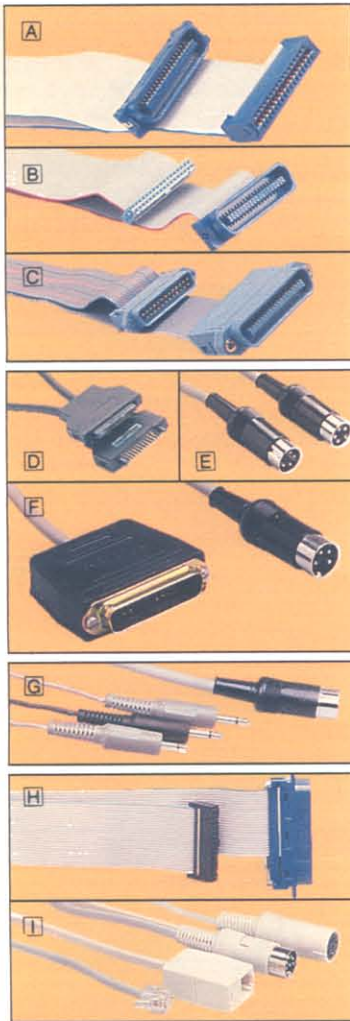
Peripheral Connectors

D-Subminiature Connectors. Ideal for computer-to-peripheral hookups. 25 position. Solder-type.
- A **Male.** 276-1547 .... 2.99
- B **Female.** 276-1548 .... 3.99
- C **Hood.** 276-1549 .... 1.99
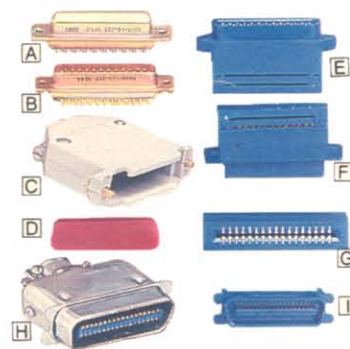- D **D-Submini 25 Dustcaps.** One male, one female. 276-1546 .... Set 39¢
- E **D-Submini 25 Male.** For ribbon cable. Reusable. 276-1559 .... 4.99
- F **D-Submini 25 Female.** Ideal for cable extensions. 276-1565 .... 4.99
- G **Card Edge Connector.** 34 position, solderless. Dual row contacts, .100" centers. 276-1564 .... 4.95
- H **Parallel Printer Connector.** Solder-type, 36 position. Shielded metal construction. 276-1534 .... 4.99
- I **Parallel Printer Connector.** For ribbon cable. 276-1533 .... 6.99

Automatic Power Strip

69⁹⁵

Simplify Your System

SW-301. Activates up to five peripherals when you turn on your computer. Two-stage surge protection. CPU outlet: 3.2A, 384W. Peripheral outlets: 6.25A, 750W total. U.L. listed.
26-1429 .... 69.95

Power Line Filter

NEW FOR '86

49⁹⁵

Filters transients and line noise from appliances. Reduces interactions between peripherals. Features surge protection. Single switch controls eight outlets. 6.5A, 780W. U.L. listed.
26-1244 .... 49.95

Standby Power System for Home and Office

695⁰⁰

Low As $32 Per Month on CitiLine ★

- Provides Standby Power When Current Drops
- Power Down Your Computer Without Error
- Also Protects Against Harmful Spikes

BPS 400. Protect your home or office computer with a backup power supply. The BPS 400 was designed specifically to guard against data loss in case of a brownout or electrical failure. It provides more than 10 minutes of full power operation (400 VA) to allow you to shut down your system safely. During normal operation, the BPS 400 also operates as a power line filter, protecting your equipment against harmful electrical spikes. Note: Read/write errors can result during power switching when used with AC-type drive motors (Model II and Model II Disk Expansion Unit or 8-Megabyte Hard Disk). Four outlets. 6 × 10³/₄ × 12¹/₂". U.L. recognized. 26-1189 .... 695.00

COMPUTER SYSTEM FURNITURE

Modular System Furniture for Your Home or Office Workstation

A System Desk. Makes a handsome addition to home or office. Twin cable management slots for easy connections. Adjustable glides. $27 \times 49^3/_4 \times 29^3/_8$". 26-1356 . . . . 119.95

B Storage Hutch. Mounts on system desk. Ideal for software binders and accessories. Assembles with adjustable "second shelf" on either side. 26-1359 . . . . 59.95

NEW! Half-Width Storage Hutch (not shown). 26-1374 . . . . 54.95

C Corner Section. The finishing touch— puts it all together! Connects system desk and printer stand for a convenient "work corner." Mounts on right or left side of desk. Adds approximately 4 square feet of working surface. 26-1358 . . . . 39.95

D Printer Stand. Large enough to accommodate wide-bed printers. Includes bottom-feed paper slot, unique swing-down paper catch for printed output and paper storage shelf. Adjustable glides. $27 \times 28^1/_2 \times 19^1/_2$". 26-1357 . . . . 99.95

- Modern Simulated Oak Finish
- Beautiful, Spacious Matching Design
- All System Components Easy to Assemble

Complete Workstation
(as shown)
Reg. Separate Items 319.80

299⁰⁰

Low As $20 Per Month on CitiLine *

Computer, printer and accessories not included

Terminal Stand
199⁹⁵

Computer and manual not included

Deluxe Terminal Stand. Perfect for the II/12/16 or Tandy 6000 computer. Rolls to where it's needed. Features locking casters. Large 30×30" top is adjustable at 26", 27" or 28" heights. Easy to assemble. 26-4306 . . . . 199.95

System Desk
279⁹⁵

Computer, manual and drawer not included

Deluxe Workstation. Plenty of convenient working space, with wiring cutouts in top. Heavy-duty construction. Easy to assemble. $27 \times 48 \times 30$". 26-4303 . . . . 279.95
Desk Drawer. Mounts on left or right. $12^3/_4 \times 18^1/_2 \times 20^1/_4$". 26-4304 . . . . 139.95

Printer Stand
149⁹⁵

Printer not included

Printer Stand. Slotted top for bottom paper feed. Includes wire basket. Easy assembly. $27 \times 24 \times 19$". 26-4307 . . . . 149.95
Locking Casters. Fits Printer Stands 26-4307 (above) and 26-1357 (below). 26-1319 . . . . Set of 4/19.95

Computer Table and Printer Platform

Platform
29⁹⁵

Table
79⁹⁵
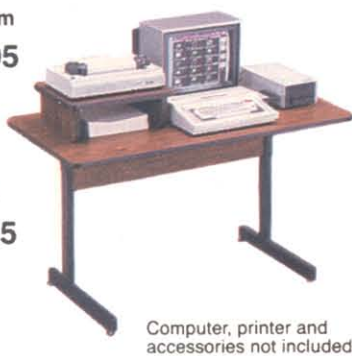
Computer, printer and accessories not included

Printer/Monitor Platform. For standard computer monitor or narrow-bed printer. Top: $16^3/_4 \times 13^3/_4$", with 5" clearance for paper. 26-1360 . . . . 29.95

Computer Table. Easy to assemble. $27 \times 48 \times 24$". 26-1324 . . . . 79.95

Compact Computer and Printer Stands

49⁹⁵ Each

Computer Stand

Printer Stand

- Inexpensive and Functional
- Beautiful Simulated Hickory Finish
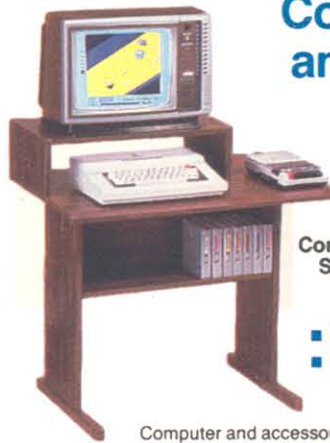
Computer and accessories not included

Printer and paper not included

Compact Computer Stand. Our lowest-priced computer desk. Ideal for any home computer system. Includes raised platform for your monitor or printer, plus a storage shelf for disk drives, software and accessories. Easy to assemble. $26 \times 32 \times 19^3/_4$". 26-1354 . . . . 49.95

Compact Printer Stand. Matches either Computer Stand (26-1354) or Computer Table (26-1324). Large enough to accommodate wide-bed printers. Includes bottom-feed paper slot and paper storage shelf. Easy to assemble. Adjustable glides. $26 \times 26^7/_8 \times 19^3/_4$". 26-1355 . . . . 49.95

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CUSTOM FORMS AND PRINTER PAPER

Four Great Benefits of Radio Shack Custom Forms

Custom Imprinted Forms and Checks

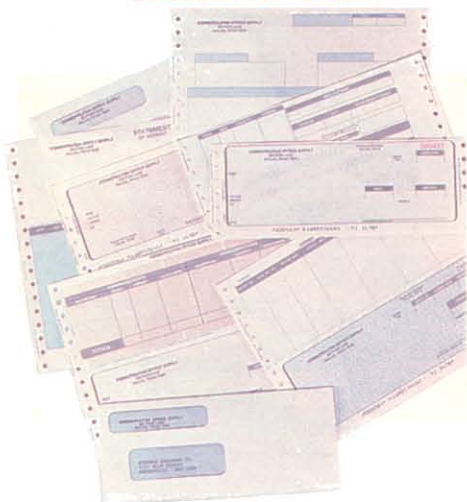| Form Name	Cross Reference			No. of Parts	Color	Cat. No.	Quantity/Prices		
	Model Number	Software Cat. No	Envelope Cat. No.				500	1,000	2,000
Accounts Receivable Statement	I & III/4	26-1555	72-114 72-214 72-250	1	Blue	72-116	65.00	120.00	220.00
				2	Blue	72-117	100.00	180.00	340.00
				3	Blue	72-118	130.00	230.00	435.00
Accounts Payable Check	I & III/4	26-1554	72-249	1	Blue	72-124	55.00	100.00	195.00
	II & 12	26-4505		2	Blue	72-125	100.00	180.00	340.00
				3	Blue	72-126	120.00	215.00	415.00
Accounts Payable Check	III/4	26-1542	72-145 72-245 72-246	1	Blue	72-141	45.00	80.00	155.00
	II & 12	26-4605							
	16/6000	26-6205		3	Blue	72-142	110.00	200.00	375.00
General Purpose Form	I & III/4	26-1541 26-1544/1568	72-206	1	Blue	72-119	55.00	100.00	195.00
	II & 12	26-4508 26-4504 26-4514 26-4602 26-4802		3	Blue	72-120	110.00	200.00	375.00
	16/6000 1000 2000	26-6302 25-1146 26-5213/5217		5	Blue	72-136	160.00	290.00	545.00
Invoice	II & 12 16/6000	26-4607 26-6207	72-135 72-235 72-234	3	Blue	72-151	140.00	250.00	475.00
	2000	26-5215		5	Blue	72-152	205.00	370.00	700.00
Multi-Purpose Check	III/4	26-1584	72-145 72-245 72-246	1	Blue	72-153	45.00	80.00	155.00
				2	Blue	72-154	60.00	110.00	210.00
Multi-Purpose Check w/Stub	III/4	26-1585 26-1511	72-145 72-245 72-246	1	Blue	72-158	55.00	100.00	195.00
	1000	25-1146/1148		2	Blue	72-159	100.00	180.00	340.00
	2000	26-5212 26-5340		3	Blue	72-160	120.00	215.00	415.00
Payroll Check	I & III/4	26-1504 26-1556	72-247	1	Brown	72-105	55.00	100.00	195.00
				2	Brown	72-106	100.00	180.00	340.00
Payroll Check	II & 12	26-4503	72-248	1	Brown	72-137	60.00	110.00	210.00
				2	Brown	72-138	90.00	165.00	310.00
Payroll Check	III & 4	26-1543	72-246	1	Brown	72-143	45.00	80.00	155.00
	II & 12	26-4603							
	16/6000 2000	26-6203 26-5218		2	Brown	72-144	85.00	150.00	285.00
Statement Of Account	II & 12	26-4604	72-135 72-235 72-234	1	Blue	72-129	55.00	100.00	195.00
	16/6000	26-6204		3	Blue	72-130	110.00	200.00	375.00

Professional Forms

Form Name	Cat. No.	Quantity	Price
Health Insurance Claim (AMA), 2-part, Carbon Interleaf	72-261	1000	55.00
The Precedent Lawyer Timekeeping Slips	72-501	500	44.95
The Precedent Pegboard Portfolio	72-500	1	16.95

Imprinted Envelopes

Form Cross Reference	Inside Tint	No. of Windows	Envelope Size	Catalog No.	Quantity/Prices		
					500	1,000	2,000
Accounts Receivable Statement	No	1	#63/4	72-114	55.00	100.00	195.00
Statement of Account and Invoice	No	1	#10	72-135	55.00	100.00	195.00
Accts. Payable (72-141/142) & Multi-Purpose Checks	Yes	1	85/8	72-145	55.00	100.00	195.00

Blank Envelopes

Form Cross Reference	Size	No. of Windows	Inside Tint	Qty. Per Carton	Catalog Number	Price
Accounts Receivable Statement	35/8 x 61/2	2	No	1,000	72-250	45.00
	35/8 x 61/2	1	No	1,000	72-214	35.00
Accounts Payable Check (72-124/125/126)	35/8 x 73/4	2	Yes	1,000	72-249	55.00
General Purpose Form	37/8 x 87/8	2	No	1,000	72-206	45.00
Payroll Check for Mod I/III/4	35/8 x 73/4	2	Yes	1,000	72-247	55.00
Payroll Check for Mod II/12	37/8 x 71/2	2	Yes	1,000	72-248	50.00
Statement of Account and Invoice	41/8 x 91/2	2	No	1,000	72-234	45.00
	41/8 x 91/2	1	No	1,000	72-235	40.00
Accts. Payable (72-141/142) and Multi-Purpose Checks	35/8 x 85/8	1	Yes	1,000	72-245	40.00
	35/8 x 85/8	2	Yes	1,000	72-246	50.00

System Support

Radio Shack provides a complete selection of custom-designed business forms, envelopes and labels that are guaranteed compatible with our computer systems and accounting software.

Economy

Radio Shack forms are produced in large quantities and sold in small quantities (as few as 500 units). That way we can pass the savings on to you.

Quality

All forms are attractively designed and produced to the highest printing standards, assuring a positive, quality image for your organization.

Convenience

Why run from store to store, when you can depend on Radio Shack? We're your "one stop" source for custom forms. Visit your nearest Radio Shack Computer Center today to place your order.

Fanfold Mailing Labels

- White
- Wide Selection To Choose From
- Smooth Feeding
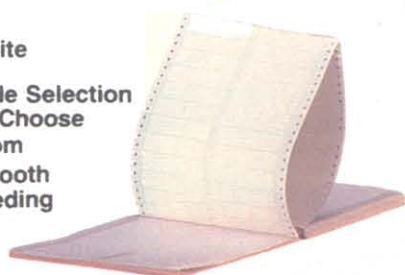
1-Wide. 4¹/₄" carrier. Pressure-sensitive. Pkg./5000. 72-402 . . . . 24.95

1-Wide. Same as above. Pkg./1000. 26-1328 . . . . 6.95

2-Wide. 9¹/₂" carrier. Pressure-sensitive. Pkg./2000. 72-401 . . . . 15.95

3-Wide. 9¹/₂" carrier. Pressure-sensitive. Pkg./3000. 72-400 . . . . 16.95

2-Wide. 9¹/₂" carrier. Dry gum. Pkg./2400. 26-1456 . . . . 9.95

Fanfold Printer Paper

Feed paper directly into the printer from the reusable cartons. Letter-size sheets (9¹/₂ x 11") have "invisible" detachable, perforated margins. Single-part sheets are high-quality, 15-pound bond unless a heavier weight is specified. No ground wood or recycled paper. Multi-part sets are clean, carbonless, no-mess paper.

Fanfold Printer Paper

Size	Parts	Design	Vertical Perforation	Quantity	Box	Cat. No.	Price
14⁷/₈ x 11"	1	Greenbar	No	500 sheets	Mini-Pak	26-1330	11.95
14⁷/₈ x 11"	1	Greenbar	No	1500 sheets	Tote	72-300	34.95
14⁷/₈ x 11"	1	Greenbar	No	3500 sheets	Carton	26-1417	69.95
14⁷/₈ x 11"	1	Blank White	No	1500 sheets	Tote	72-303	34.95
9¹/₂ x 11"	1	Greenbar	Yes	1500 sheets	Tote	72-304	24.95
9¹/₂ x 11"	1	Greenbar	Yes	3500 sheets	Carton	26-1403	49.95
9¹/₂ x 11"	1	Blank White	Yes	500 sheets	Mini-Pak	26-1423	8.95
9¹/₂ x 11"	1	Blank 20#	Yes	500 sheets	Mini-Pak	26-1387	10.95
9¹/₂ x 11"	1	Blank 20#	Yes	1250 sheets	Tote	26-1427	24.95
9¹/₂ x 11"	1	Blank 20#	Yes	2500 sheets	Carton	72-311	44.95
9¹/₂ x 11"	2	Blank White	Yes	750 sets	Tote	72-305	34.95

PRINTER/COMPUTER ACCESSORIES

Replacement Printer Ribbons
Save 25% When You Buy 12 or More of the Same Ribbon

Printer	Ribbon	Character Life	Catalog No.	Each 1-11	Each 12-Up
LP I, II, IV	Fabric Pack (3/PK)	1 million	26-1413	15.95	11.95
LP III, V	Fabric Cart.	2 million	26-1414	11.95	8.95
LP VI/VIII, DMP 400/420	Fabric Cart.	1 million	26-1418	11.95	8.95
LP VII, DMP 100	Re-inking Fabric	1 million	26-1424	8.95	6.70
DMP 110	Re-inking Fabric	1 million	26-1283	7.95	5.95
DMP 130	Cartridge	2 million	26-1236	10.95	8.20
DMP 500	Fabric Cart.	4 million	26-1482	13.95	10.45
DMP 120, 200	Fabric Cart.	4 million	26-1483	15.95	11.95
DMP 120, 200, 500, 430	Refill Pack (3/PK)	4 million	26-1489	15.95	11.95
DMP 105	Fabric Cart.	1 million	26-1288	7.95	5.95
DMP 430	Fabric Cart.	4 million	26-1296	15.95	11.95
DMP 2100, 2100P	Fabric Cart.	2 million	26-1442	13.95	10.45
DMP 2200	Cartridge	10 million	26-1233	39.95	29.95
DMP 2200	Refill	10 million	26-1234	14.95	11.20
LMP 2150	Cartridge	15 million	26-1287	12.95	9.70
TRP 100	Thermal Film	40,000	26-1297	3.95	2.95
TRP 100	Refill Rolls (5/PK)	40,000	26-1298	9.95	7.45
DW II, DWP 410, 510	Carbon Film Cart. Multi-Strike (3/PK)	250,000	26-1419	21.00	15.75
DW II, DWP 410, 510	Nylon Cart.	1 million	26-1449	10.95	8.20
DWP 210	Carbon Film Cart. Multi-Strike (3/PK)	250,000	26-1445	17.95	13.45
DWP 210	Fabric Cart.	1 million	26-1458	8.95	6.70
DWP 220	Multi-Strike	250,000	26-1299	17.95	13.45

Roll Paper for Printers

Printer	Paper	Catalog No.	Quantity/Price
CGP 115	4¹/₂" x 150'	26-1428	3/4.95
CGP 220	8¹/₂" x 75'	26-1333	3/9.95
CGP 220	8¹/₂ x 11" sheets	26-1341	250/6.95
TP-10	Thermal 4¹/₈" x 80'	26-1332	2/3.95
PT-210/TRP 100	Thermal 8¹/₂" x 100'	76-1003	6/24.95
PC-1	1³/₄" x 18'	26-3506	6/1.75
PC-2	2¹/₄" x 30'	26-3606	6/2.49
PC-3	Thermal 2¹/₄" x 7'	26-3592	5/2.49
PC-4	Thermal 1¹/₂" x 8¹/₂'	65-711	5/1.99
LP I, II, IV, VIII, DMP 200	8¹/₂" x 500'	26-1402	2/19.95
Plotter/Printer (26-1190)	9" x 90', 8¹/₂" pin-to-pin	26-1407	4.95
Quick Printer (26-1153)	Electrostatic 4³/₄" x 130'	26-1405	3/18.95
Quick Printer II (26-1155)	Electrostatic 2³/₈" x 75'	26-1412	2/3.95

Daisy Print Wheels
124-character print wheels for our DW II, DWP 410 and DWP 510.

Print Wheel	Catalog No.	Price
Courier, 10 Pitch	26-1430	29.95
Prestige Elite, 12 Pitch	26-1431	29.95
Madeleine PS	26-1432	29.95
Cubic PS	26-1433	29.95
Tile Italic, 10/12 Pitch	26-1434	29.95
OCR B, 10 Pitch ★	26-1435	39.95
Letter Gothic, 12 Pitch	26-1436	39.95
Cubic 15 +	26-1438	39.95
Bold PS	26-1439	39.95
Scientific A/N	26-1486	39.95
Pica 10	26-1290	39.95
Narrator	26-1291	39.95
OCR-A ★	26-1292	39.95
Elite 12	26-1293	39.95
Scandia Courier 10	26-1294	39.95
Scandia Elite 12	26-1295	39.95

External Program Mode + Required ★ Suggested

100-character print wheels for our DWP 210

Print Wheel	Catalog No.	Price
Courier 10	26-1467	9.95
Prestige Elite 12	26-1468	9.95
Venezia PS	26-1469	9.95

100-character cassette for our DWP 220

Print Wheel	Catalog No.	Price
Courier, 10 Pitch	26-1230	9.95
Letter Gothic, 12 Pitch	26-1231	9.95
Venezia PS	26-1232	9.95

Printer Selector Switch

119⁹⁵

Low As $20 Per Month on CitiLine ∗

Switch Easily From One Printer to Another

SW-302 Parallel Printer Switch. Connect two printers to one computer or two computers to one printer. Standard parallel interface only. Cables not included. U.L. listed AC power module. 26-1498 . . . . 119.95

Printwheel Binder

9⁹⁵

Protects printwheels from loss or damage. Holds nine wheels. Accepts DW II, DWP 410 and 510 printwheels. Not for DWP 210 and 220. 73-2004 . . . 9.95

Daisy Printwheel Cleaning Kit

16⁹⁵

Clean clogged, recessed areas. 26-1320 . . . . 16.95 **Refill Fluid.** 26-1322 . . . . 5.95

Anti-Static Mat

89⁹⁵

Chair not included

Drains static charges that can damage your computer. Vinyl. 45 x 53". 26-1351 . . . . . . 89.95

Anti-Static Spray

5⁹⁵

Use on Equipment, Screen or Carpet

Helps eliminate problem-causing static. Long lasting. Safe. 26-515 . . . . 5.95

Dust Covers to Protect Your Computer System

System	Cat. No.	Each
Model 12/16/6000	26-526	7.95
Model III/4 or DT-1 Terminal	26-506	5.95
Color Computer 2	26-532	3.95
Tandy 1000/1200/2000	26-541	9.95

Peripheral	Cat. No.	Each
CCR 81	26-517	2.95
Ext. Drives	26-502	2/5.95

Printer	Cat. No.	Each
DMP 105	26-530	3.95
DMP 130	26-536	3.95
DMP 430	26-535	4.95
DMP 2100	26-525	4.95
DMP 2200	26-539	4.95
DW II & DWP 510	26-508	5.95
DWP 220	26-537	4.95
TP-10	26-531	3.95

Plotter Supplies

Hard-Nib Pens for FP-215 (for paper)—$3.95 each			
Color	Catalog No.	Color	Catalog No.
Black	26-1343	Blue	26-1345
Red	26-1344	Green	26-1346

Pens for Multi-Pen Plotter (26-1191)—$3.95 each					
Color	For Paper	For Transparencies	Color	For Paper	For Transparencies
Red	26-1460	26-1470	Brown	26-1464	26-1474
Blue	26-1461	26-1471	Orange	26-1465	26-1475
Green	26-1462	26-1472	Black	26-1466	26-1476
Violet	26-1463	26-1473			

CGP 115 Black Pens. Set of 3. 26-1480 . . . . 2.95
CGP 115 Color Pens. One each: red, green, blue. 26-1481 . . . . 2.95
Clear Plastic Film. Fifty 8¹/₂ x 11" sheets. 26-1479 . . . . 13.95

Take Advantage of Radio Shack's Extended Service Plan—See Page 2

59

GRAPHICS AND THERMAL PRINTERS

New Low Price! Revolutionary Seven-Color Ink-Jet Printer

NEW LOW PRICE! **599⁰⁰** Low As $28 Per Month on CitiLine∗

Was $699.00 in Cat. RSC-14

- High-Resolution, Drop-on-Demand Ink-Jet System
- Incredible, Super-Quiet Operation

CGP 220. A true price breakthrough in ink-jet print technology. Quietly prints text and graphics in yellow, violet, red, green, cyan, magenta and black! Prints 2600 dots/second in graphics mode with a resolution of 560 dots/line (monochrome) and 640 dots/line (multi-color mode). An 80-column text mode gives you 12 cpi at 37 characters per second in a 7×5 matrix. A screen print utility for the Color Computer 2 and the Tandy 2000 will allow multi-color printouts of color graphics screens produced from any graphics program.

State-of-the-Art Design. The CGP 220 jets ink only where you specify, mixing colors to produce seven vivid hues. There's no ribbon to wear out or become contaminated, so the print quality remains excellent. Supports elongated character sets, variable pitch, character repetition and special characters. Programmable from BASIC. Parallel and Color Computer-compatible serial interfaces. Uses 8¹/₂″ paper. 4¹/₄ × 15³/₄ × 11⁵/₈″. U.L. listed. 26-1268 . . . . 599.00
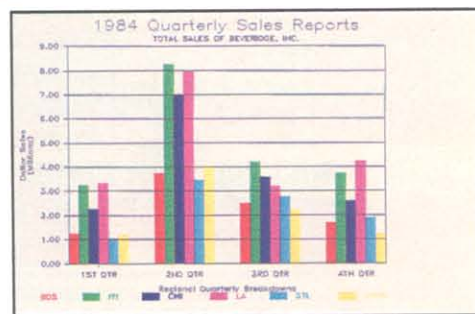
CGP 220 Supplies

Replacement Ink Packs. Long-life ink packs provide approximately 3-4 million characters per color. Non-smearing.
Black Ink Pack. 26-1281 . . . . 9.95
Tri-Color Ink Pack. 26-1282 . . . . . 14.95

Roll Paper. Recommended for best print quality. 26-1333 . . . . Pkg. of 3/9.95
8¹/₂ × 11″ Paper.
26-1341 . . . . 250 Sheets/6.95

Screen print utility gives spectacular seven-color printouts of high-resolution displays.

Compact, Portable Thermal Ribbon Printer

299⁹⁵

Low As $20 Per Month on CitiLine∗

TRP 100. Use it anywhere—works on batteries or AC power. Use plain 8¹/₂″ paper and thermal ribbon for high-contrast characters (uni-directional). Heat from the super-quiet thermal head transfers the image from ribbon to paper. Or use thermal roll paper without the ribbon for direct transfer (bi-directional). For best print quality, use Xerox 4024 or equivalant copier paper. Bit-image graphics mode. Parallel and Color Computer-compatible serial interfaces. IBM PC compatible. U.L. listed AC operation or five "C" alkaline or nickel cadmium batteries (not included). 26-1275 . . . . 299.95

SPECIFICATIONS. Print Density: 5, 10 cpi. **Print Speed:** 50 cps. 10 cpi—uni-directional: 16 lpm/80 col., bi-directional: 28 lpm/80 col. **Character Set:** 96 ASCII, plus selectable Tandy standard, 64 special and 30 block graphics characters or Model 2000/IBM 128-character set. **Horizontal Dot Resolution:** 480-960 dots/line. **Dimensions:** 2¹³/₁₆ × 12 × 7″. **Weight:** 5¹/₂ lbs.

Low-Cost Thermal Matrix Printer with Graphics

Amazingly Compact, Yet Extremely Versatile **99⁹⁵**

Low As $20 Per Month on CitiLine∗

TP-10. A perfect match for the Color Computer 2. Gives you both graphics and alphanumerics. Prints 32 characters per line at 30 characters per second on 4¹/₈″-wide thermal paper. Features include elongation mode for expanded print and a special repeat function to make graphics programming easier. Whisper quiet operation makes the TP-10 ideal for use in low-noise environments. Color Computer-compatible serial interface only. Measures 3 × 8 × 5″. U.L. listed. 26-1261 . . . . 99.95

Paper. 4¹/₈″-wide thermal.
26-1332 . . . . Pkg. of 2/3.95

SPECIFICATIONS. Print Density: 5, 10 cpi. **Print Speed:** 30 cps. **Character Set:** 94 ASCII, 16 graphics. **Line Spacing:** ¹/₆″. **Dimensions:** 3 × 8 × 5″. **Weight:** 3¹/₄ lbs. **Power:** 120VAC, 60 Hz, 18W.

LETTTER-QUALITY DAISY WHEELS

Our Lowest-Priced Daisy Wheel Printer

NEW FOR '86

599⁰⁰

Low As $28 Per Month on CitiLine*

- Prints Over 200 Words Per Minute (20 cps)
- Clean, Sharp Characters for That "Electric Typewriter Look"
- Interchangeable 100-Character Print Wheels for a Variety of Styles
- Ideal for Use With SCRIPSIT and SuperSCRIPSIT
- With Courier 10 Print Wheel and Carbon Ribbon

IBM Compatible with Optional-Extra IBM Printer Emulator
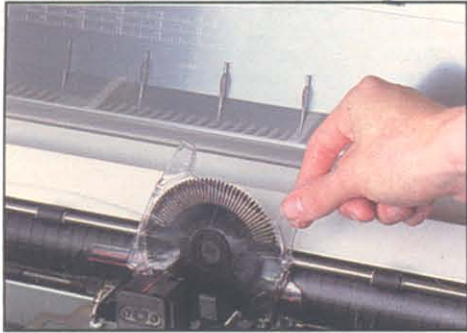
DWP 220. Now you can get full-featured letter-perfect printing for under $600. Select 10 or 12 characters per inch, or proportional pitch. Prints at 20 cps. Includes forward and reverse paper feed and 1/2-line feed, underline and programmable backspace. Self-test facility lets you see if printer is operating properly before starting. "Paper Empty" sensor stops printer automatically and sounds buzzer when paper runs out. "Ribbon End" feature stops printer when ribbon reaches its end. Automatic impact control prolongs the life of the print wheel. Parallel and Color Computer-compatible serial interfaces. U.L. listed. 26-1278 .... 599.00

DWP 220 Bi-Directional Tractor. 26-1444 .... 119.95

SPECIFICATIONS. Print Density: 13¹/₂" line. Switch selectable 10 cpi (136 characters per line), 12 cpi (163 cpl), or proportional spacing. **Print Speed:** 20 cps nominal (over 200 wpm). **Carriage Motion:** Bi-directional, optimal motion seeking. Minimum horizontal increment ¹/₄₈". Minimum vertical increment ¹/₁₂₀" 1200 ms slew rate. **Character Set:** 100 (modified ASCII, plus special international), 18 control codes. **Paper:** Up to 16" wide. Original, plus 3 copies. Friction feed. **Ribbon:** Multi-strike carbon or nylon cartridge. **Interface:** Color Computer-compatible serial (600/1200 baud) and standard 8-bit data parallel, 36-pin Amphenol connector. **Dimensions:** 6⁵/₈ × 24³/₈ × 13³/₈". **Weight:** 26 lbs. **Power:** 120VAC, 60 Hz, 60 Watts.

Our Best, Full-Featured 15" Daisy Wheel Printer

1495⁰⁰

Low As $69 Per Month on CitiLine*

- Prints Over 500 Words Per Minute (43 cps)
- Ideal for Use With SCRIPSIT or SuperSCRIPSIT Word Processing Programs
- Interchangeable 124-Character Print Wheels
- Includes Courier 10 Print Wheel and Carbon Ribbon
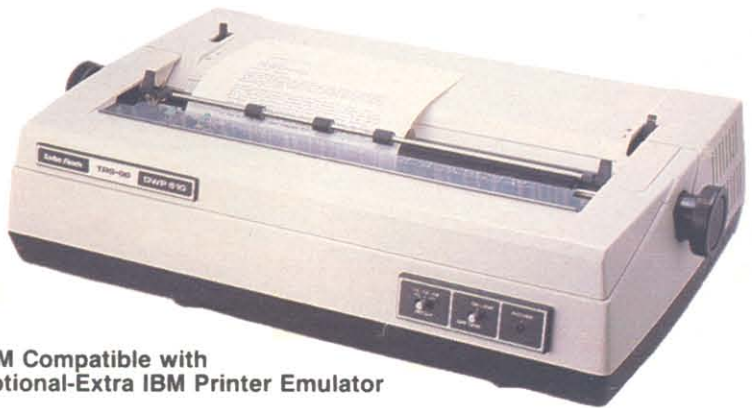
IBM Compatible with Optional-Extra IBM Printer Emulator

DWP 510 Automatic Sheet Feeder

Dual Bin

499⁹⁵

Printer not included

SF-510. Inserts single sheets into perfectly aligned typing position. Lets you use your own letterhead.
26-1477 .... 499.95

DWP 510. Give your correspondence, reports and memos that clean, crisp "electric typewriter" look. You can print fixed 10 or 12 characters per inch or choose proportional spacing (using appropriate optional print wheels). Prints up to 43 characters per second. Features forward and reverse paper feed and 1/2-line feed, backspace and underline. Supports boldface, strike-through, double-underline, super and subscripts. "External Program Mode" allows you to use print wheels with different pitch or special characters. Parallel interface only. U.L. listed. 26-1270 .... 1495.00

DWP 510/DW II Bi-Directional Tractor. 26-1447 .... 219.95

SPECIFICATIONS. Print Density: 13.6" line. Switch selectable 10 cpi (136 cpl), 12 cpi (163 cpl), or proportional spacing. **Print Speed:** 43 cps nominal (over 500 wpm). 19.5 lpm at 10 cpi, 132 column. **Carriage Motion:** Unidirectional, optimal motion seeking. 300 ms slew rate. **Character Set:** 124 (96 ASCII, plus special and international), 21 control codes. **Paper:** Up to 16" wide. Original, plus 5 copies. Friction feed. **Ribbon:** Multi-strike carbon cartridge or nylon cartridge. **Interface:** Standard 8-bit data parallel; 36-pin Amphenol connector. **Dimensions:** 8 × 24¹/₂ × 15¹/₂". **Weight:** 28 lbs. **Power:** 120VAC, 60 Hz, 141 Watts.

Accessories to Make Your Daisy Wheel Printer More Versatile

IBM Printer Emulator

Install It Yourself # 29⁹⁵

A printer utility for DW IIB, DWP 410/510 and DWP 210/220. Compatible with IBM software configured for IBM dot-matrix or Epson MX-100 printers.
700-2118 .... 29.95

Daisy Wheel Printer Acoustic Cover

Low As $20 Per Month on CitiLine* # 399⁰⁰

Silences distracting printer noise. For DW II, DWP 510 and DWP 220 (with or without tractor) or DWP 410 and DWP 210 (without tractor). Not for use with sheet or envelope feeders. Lid lifts for easy access to printer. 14 × 28 × 21¹/₂". U.L. listed. 26-1455 .... 399.00

Ideal for Any Office

IBM®-COMPATIBLE MATRIX PRINTERS

NEW FOR '86

Low-Profile Design

Dot-Matrix Power for Business

1695⁰⁰

Commercial Lease Available for Only $60 Per Month (Plus Applicable Use/Sales Tax)

- Prints 380 Characters Per Second
- Built-In Tractor—Not Sprocket

DMP 2200. Efficient, fast printing means no long delays for reports—and that saves your business money. Supports elongated, double-high, bold, underline, super/subscripts, italics and double-strike. Features bit-image graphics. Uses 3" to 16" fanfold paper only (bottom or rear paper feed). Prints original, plus up to six copies. Parallel interface only. U.L. listed.
26-1279 . . . . 1695.00

SPECIFICATIONS. Print Density: 10, 12, 17.1 (standard): 10 and 12 (correspondence); proportional and compressed proportional. **Print Speed:** Standard 10 cpi—380 cps. Correspondence 10 cpi—90 cps. Proportional—77-180 cps. **Character Set:** 95 ASCII, 31 graphics and special characters. IBM Character Set 1 and 2. **Horizontal Dot Resolution:** 60-240 dots/inch, 1632-3916 dot columns/line. **Dimensions:** 4³/₄ × 22¹/₂ × 16⁷/₈". **Weight:** 39³/₄ lbs. **Power:** 120VAC, 60 Hz, 200W.

NEW LOW PRICE!

Print Quality Rivals a Daisy Wheel

Print Customized Type Styles

1495⁰⁰

Was $1995.00 in Cat. RSC-14

Commercial Lease Available for Only $55 Per Month (Plus Applicable Use/Sales Tax)

- Print in a Variety of Styles
- Prints 160 Characters Per Second

DMP 2100P. Use the Font Editing Packages (below) to load different type styles. Includes data processing, word processing and graphics modes. Precision 24-wire print head. Parallel interface. U.L. listed.
26-1274 . . . . 1495.00

New Low Price! Bi-Directional Tractor. Was $169.95 in RSC-14. 26-1441 . . 119.95

Font Editing Packages.
Tandy 2000. 26-5334 . . . . 24.95
Tandy 1000/1200 HD. 25-1158 . . . 24.95
Tandy 6000. 26-4840 . . . . 24.95
Model III/4. 26-2232 . . . . 24.95

SPECIFICATIONS. Print Density: 10, 12 and 16.7 cpi, plus proportionally spaced and elongated. **Print Speed:** Standard 10 cpi—93 lpm/80 column, 60 lpm/132 column. Correspondence 10 cpi—40 lpm/132 column. **Character Set:** 96 ASCII, 31 international and 31 graphics characters. **Font Matrix:** DP mode—10 cpi and 16.7 cpi: 24 × (13 + 5), 12 cpi: 24 × (13 + 2). WP mode—10 cpi: 24 × 36, 12 cpi: 24 × 30, Proportional: 24 × n. **Horizontal Dot Resolution:** 360 dots/inch, 4896 dots/line. **Paper:** Up to 15" wide. Friction feed. Prints original, plus two copies. **Dimensions:** 5⁷/₈ × 21¹¹/₁₆ × 15". **Weight:** 42 lbs. **Power:** 120VAC, 60 Hz.

Versatile Business Printer

132-Column Printer with 18-Wire Print Head

899⁰⁰

Low As $42 Per Month on CitiLine ∗

- Prints 180 Characters Per Second
- Micro, Italic and Double-High Fonts
- True Pin-Driven Tractor—Not Sprocket
- IBM PC Compatible

DMP 430. Never before has this much print quality been so affordable! The 18-wire print head gives you superior-quality correspondence fonts in a single pass. Prints 10, 12 or 16.7 cpi, plus elongated standard, elite and condensed. Produces bit-image graphics at 7 or 16-bit columns. Prints original, plus two copies. Parallel and Color Computer-compatible serial interfaces. U.L. listed.
26-1277 . . . . 899.00

SPECIFICATIONS. Print Density: 10, 12, 16.7, proportional-spaced, elongated and condensed. **Print Speed:** Standard 10 cpi—93 lpm/80 col., 60 lpm/132 col. Correspondence 10 cpi—700 + wpm. **Character Set:** 96 ASCII, plus selectable Tandy standard, 64 special and 30 block graphics characters, or full 128-character Model 2000/IBM set. **Horizontal Dot Resolution:** 60-240 dots/inch, 1584-2640 dotcols/line. **Dimensions:** 4³/₄ × 22⁷/₁₆ × 13³/₄". **Weight:** 27¹/₂ lbs. **Power:** 120VAC, 60 Hz, 100W.

AFFORDABLE DOT-MATRIX PRINTERS

Low-Cost, Triple-Mode "Personal Printer"

349⁹⁵

Low As $20 Per Month on CitiLine ∗

- **Word Processing, Data Processing and Dot-Addressable Graphics**
- **Cursive and Microfont Styles**
- **IBM PC Compatible**

DMP 130. Prints in four character styles: Standard or italic cursive in draft or correspondence modes. Supports super/subcripts, double-width, bold, double-strike and microfonts. Maximum print speed is 100 cps. Bi-directional, logic-seeking print head (uni-directional in correspondence and graphics modes). Prints original, plus two copies on 4″ to 10″ fanfold paper or single sheets. Built-in tractor. Auto paper insertion in single-sheet mode. Parallel and Color Computer-compatible serial interfaces. IBM compatible. U.L. listed.
26-1280 . . . . 349.95

NEW FOR '86

Correspondence Printing for Under $350

SPECIFICATIONS: Print Density: Draft Quality—10, 12 and 17 cpi (standard and italic cursive). Correspondence Quality—10 and 12 cpi (standard and italic cursive). **Speed:** 50 to 100 cps (draft), 20 to 24 cps (correspondence). **Character Set:** 96 ASCII, plus Tandy or IBM special characters. **Bit Image:** 480 to 1920 dot columns/line. **Dimensions:** 4³/₄ × 15³/₈ × 10¹/₂″. **Weight:** 10³/₄ lbs. **Power:** 120VAC, 60 Hz. 33W.

Budget-Priced High-Performer

199⁹⁵

Low As $20 Per Month on CitiLine ∗

- **Prints 80 Characters Per Second**
- **Produces Crisp 8 × 9 Dot-Matrix Characters on an 8″ Line**

DMP 105. Another Radio Shack price breakthrough! Ideal for data processing and general-purpose use. Bi-directional—prints 80 upper and lower case characters per line at 43 lines per minute at 10 characters per inch. Elongated and condensed modes. Removable adjustable tractor uses 4″ to 9¹/₂″ fanfold paper, friction platen for single sheets. Prints original, plus one copy. Parallel and Color Computer-compatible serial interfaces. U.L. listed.
26-1276 . . . . 199.95

IBM Printer Emulator. Software utility allowing use of IBM programs configured for IBM graphics or Epson MX-100 printers.
700-2118 . . . . 29.95

Bit-Image Graphics Mode, Too

SPECIFICATIONS. Print Density: 10, 12, 16.7 cpi, plus elongated. **Print Speed:** 10 cpi—43 lpm/80 col. **Character Set:** 96 ASCII, 64 special and 30 block graphics characters. **Horizontal Dot Resolution:** 480-800 dots per line. **Vertical Spacing:** 12, 6, 8 lines per inch. **Line Feed:** ¹/₆, ¹/₈, ¹/₁₂, ⁿ/₇₂″. **Dimensions:** 3¹/₁₆ × 15³/₈ × 9⁷/₁₆″. **Weight:** 8³/₄ lbs. **Power:** 120VAC, 60 Hz.

Printer Controller Saves You Time When Printing

- **Frees Your Computer During Printing**
- **62K RAM Buffer for Text Storage**

249⁹⁵

Low As $20 Per Month on CitiLine ∗

PTC 64 Printer Controller. Now you can print one job while working on another! Our PTC 64 "print buffer" accepts and stores information from your computer at top speed and then feeds it to your printer as fast as the printer can handle it. Features a clear memory function, a pause function and a copy function for printing up to 100 consecutive originals. Built-in Z-80 processor can be programmed by the host computer to handle graphics and special text. U.L. listed. 26-1269 . . . . 249.95

Apply Today for Your Radio Shack/CitiLine Card and Increase Your Buying Power!

∗CITILINE REVOLVING CREDIT See Page 2

TANDY...
Clearly Superior™

☐ TECHNOLOGY

Tandy computers are engineered for excellence, at affordable prices. It's evident in products like our Tandy 6000, with the power to support up to six users simultaneously. The Tandy 2000 is another fine example, with color graphics and high-speed performance that are unsurpassed in its price range.

☐ SERVICE

Our service is second to none. Many problems can be solved by phone, thanks to our telephone hotline. We can service your system at your office, or you can bring it to one of our Computer Centers. And at over 220 Business Product Service Centers, you can get routine service while you wait.

☐ SUPPORT

Every Tandy/Radio Shack® computer is backed with total support. Over 1200 Radio Shack Computer Centers offer leasing plans, software, and accessories. And almost 60 Area Training and Support Operations Centers offer such services as installation, new user orientation and training.

Tandy is Clearly Superior!

Radio Shack®
COMPUTER CENTERS
A DIVISION OF TANDY CORPORATION