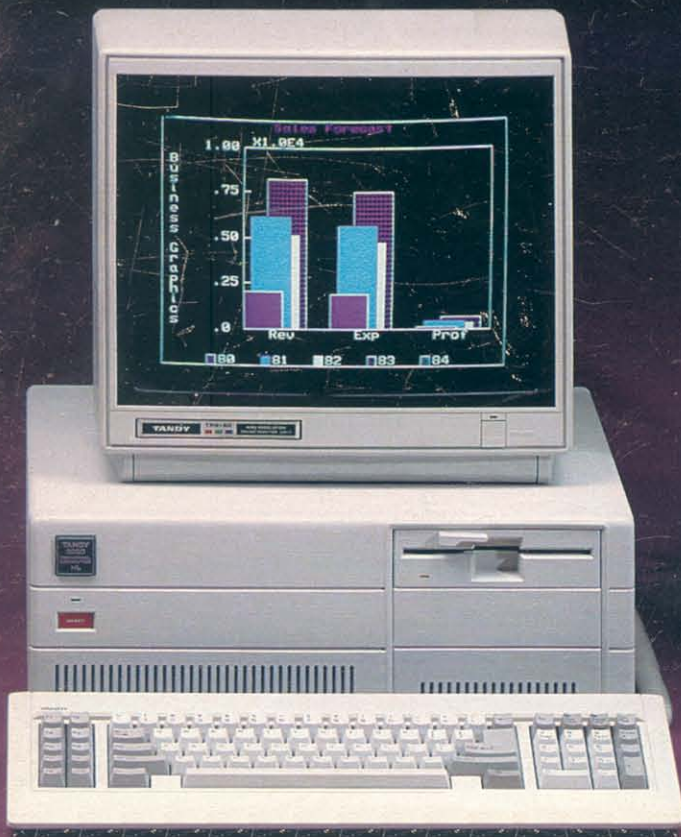# 1987 Tandy® Computer Catalog

RadioShack®
COMPUTER CENTERS
A DIVISION OF TANDY CORPORATION

TANDY®... In Business

Over 1200 of our Computer Centers nationwide are ready to help you and your business in choosing the very latest in computer technology, backed by the service and support you need. We have what it takes to sit down and talk business whether you need one or one hundred computers!

Technology...

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 keep quality high, and costs down.

Of course, the same holds true for our complete line of all-electronic telecommunication systems for small to medium-sized businesses. Whether you buy a multi-line system or our mobile/transportable cellular telephone, you can depend on Radio Shack technology.

Service...

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. There are 166 strategically located, company-owned Radio Shack Computer Service Centers to assure convenient service nationwide. Service that's performed by employees of the same company that manufactured and sold you your computer. We understand that downtime can cost you money. That's why we strive to get your system "up and running" as quickly as possible.

On-Site and Carry-In Service. In most market areas, service is available at your place of business, as well as ours. 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...

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 60 locations nationwide. In addition, 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.

Express Order Services. Software is the key that unlocks the power of your computer. 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 manufacturer. 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.

Tandy Computer Leasing. Leasing is an alternative method of installment financing which allows a company to obtain assets vital to daily business operations without a heavy capital investment. We offer a 37-month true lease with Fair

for Business

Market Value Purchase Option upon lease expiration on computer systems, plus there is a 30-day trial period in which to evaluate your computer system on the job. And because a Tandy computer lease is a true lease, your entire monthly rental payment may be fully tax deductible as a business expense. Software, installation, taxes and some other normally "non-financeable" costs can be included in the lease, too. Tandy Computer Leasing will bill monthly for Radio Shack's Extended Service Plans. And, at lease expiration, you have the option to acquire the equipment at Fair Market Value, or to return the equipment without additional cost. It's simple to initiate a leasing arrangement with Tandy Computer Leasing. Just fill out a Lease/Credit Application at any Radio Shack store, Computer Center or participating authorized Radio Shack dealer. This information will be submitted to our home office using our national WATS line service. In most cases, a decision will be available before the end of the next business day.

Classroom Computing. We offer one of the most comprehensive libraries of educational software available anywhere (see below). 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, Texas 76102.

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

Value Added Resale. OEMs 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, 1400 One Tandy Center, Fort Worth, Texas 76102.

Credit Cards Welcomed. Radio Shack honors American Express, Carte Blanche, Diner's Club, MasterCard, Visa and Radio Shack/CitiLine. With Citibank's "On-Line Credit" process, you may be approved from $100 to $2,500 in just minutes if you already have a valid VISA or MasterCard. Or you may qualify for Citibank's Regular phone-in process for purchases from $100 to $25,000, usually in an hour or less. CitiLine may also be used for additional purchases of $25 or more. Payments may be evenly spread over 33 months or more, or paid in full anytime with no prepayment penalty. CitiLine is a revolving, open-ended credit plan from Citibank (Maryland), N.A. Actual payments may vary depending on any existing balance. Come in today, and apply for your own personal line of credit from Citibank. No fee required.
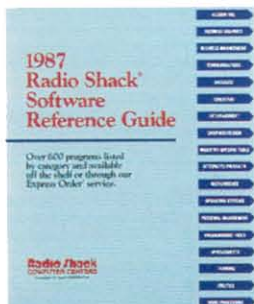
Get Our Two Other Computer Specialty Catalogs FREE at Radio Shack Today

Radio Shack has two other catalogs to help make your selection of computer software easier. Our RSC-18 Software Reference Guide contains over 600 programs listed by category and available "off-the-shelf" from Radio Shack or through our exclusive Express Order™ service. You can pick up your free copy of the RSC-18 at any Radio Shack Computer Center or participating store or dealer. Educators: be sure to ask for RSC-18E, our Educational Software Catalog. This special edition is filled with software for educational applications.

1987 Radio Shack Software Reference Guide

Over 600 programs listed by category and available off the shelf or through our Express Order service.

Radio Shack COMPUTER CENTERS

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%
Tandy 102, 200, 600, Pocket & Color Computers, Printers, Peripherals	5%	10%	15%	20%
Model 4D, Tandy 6000, 3000, 2000, 1200, & 1000	5%	10%	(See store manager for quantities over 20.)	

For discounts on diskettes and cassettes, see page 47 and 51. All prices and terms optional in Dealer/Franchise stores. Prices subject to change without notice.

TANDY 3000 PC/AT-COMPATIBLE

Tandy 3000 with 1.2-Meg Floppy Drive

NEW LOW PRICE

Was $2599.00 in Cat. RSC-16

2199⁰⁰

Only $80 Per Month on Our Commercial Lease (Plus Applicable Use/Sales Tax)

Tandy 3000 HD with 40-Meg Hard Disk

NEW FOR 87

4299⁰⁰

Only $155 Per Month on Our Commercial Lease (Plus Applicable Use/Sales Tax)

Monitor and adapter not included

The Tandy 3000 is the affordable alternative to the IBM® PC/AT. Here's the power you need to manage your business or to create a multiuser system for your office.

Our Tandy 3000 is compatible with software designed for the IBM PC/AT and the PC/XT. Choose from advanced word-processing packages to heavy-duty database management to accounting software.

Multitasking, Multiuser Capacity

The Tandy 3000 is designed to use the XENIX 5.0 multiuser operating system. In such a configuration, multiple display terminals will be able to tap the high-performance 80286 microprocessor. Thanks to its high processing speed, two to six users throughout an office will be able to use the Tandy 3000 simultaneously. Each user can work independently on such products as accounting, word processing and electronic filing. All of the users can share the Tandy 3000's accessories, eliminating the need for a printer or modem at each worksta-

tion. Thus, each remote user has the power of a fully configured computer system for the price of a terminal.

Designed for High Performance

The Tandy 3000's 16-bit architecture operates at 8 megahertz. It features 512K main memory and a high-capacity 5¹/₄″ slimline floppy disk drive. For compatibility, this drive can read 1.2-megabyte and 360K formats for use with IBM PC diskettes.

Or for maximum storage capacity, choose the Tandy 3000 HD. In addition to the floppy drive, the 3000 HD comes with a built-in 20-megabyte or 40-megabyte hard disk drive for fast access to volumes of important data.
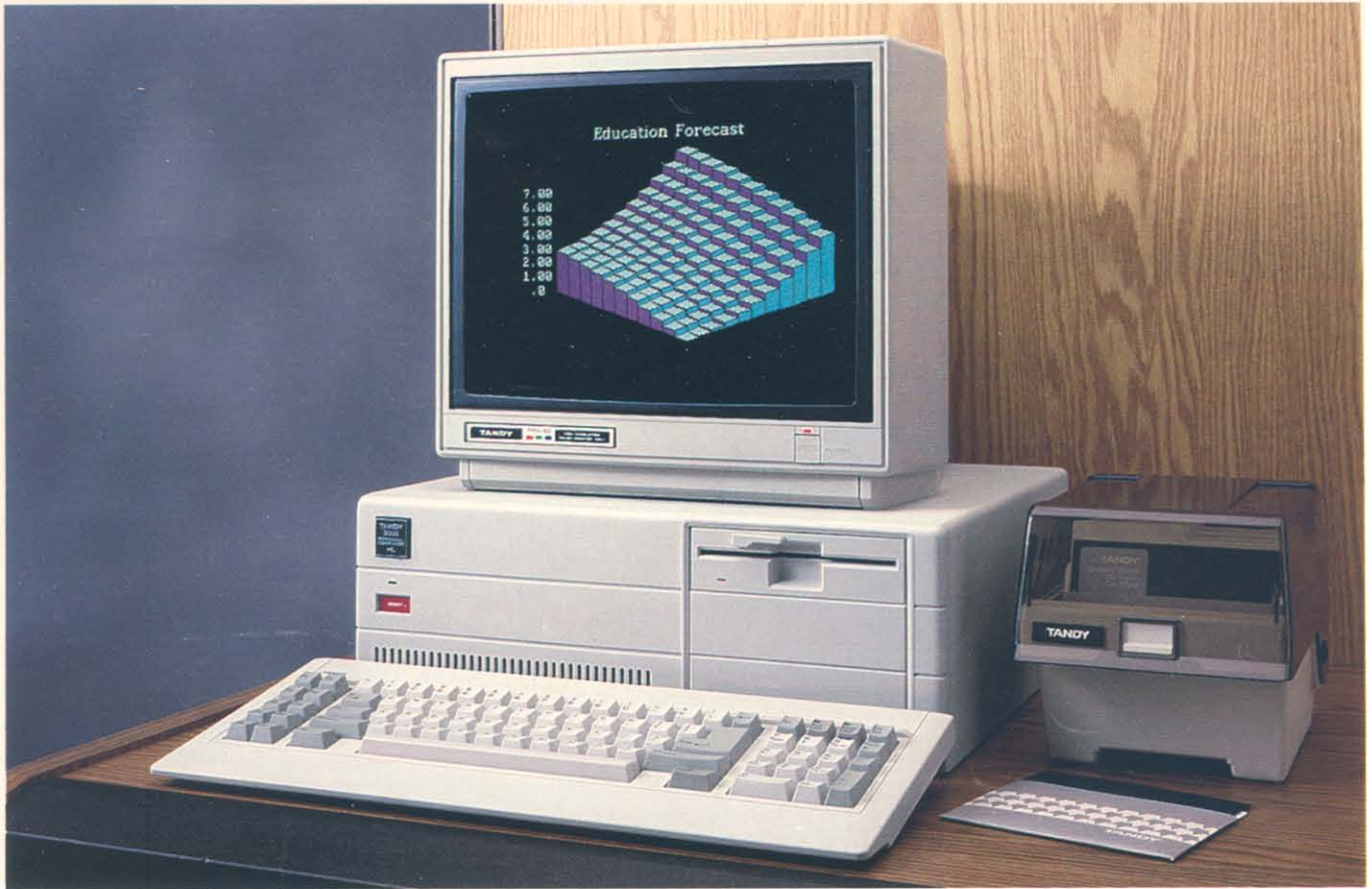
A serial/parallel adapter is standard, making Tandy 3000 ready to interface with peripheral devices like telephone modems, printers and plotters.

The Tandy 3000 is equipped with ten expansion slots, including seven PC/AT-compatible slots, two PC/XT-compatible slots and a PC/XT-compatible half-slot for the serial/parallel adapter.

Tandy 3000. 512K RAM. 25-4001 . . . . 2199.00
Tandy 3000 HD 20-Meg. 512K RAM. 25-4010 . . . . 3599.00
Tandy 3000 HD 40-Meg. 640K RAM. 25-4011 . . . . 4299.00
MS-DOS™ (3.2)/BASIC. Comes with our exclusive **DeskMate®** II 6-in-1 software. 25-4103 . . . . 99.95
XENIX Sys. V Operating System. 25-4201 . . . . 595.00
XENIX Sys. V Development System. 25-4202 . . . . . . 595.00
XENIX Sys. V Text Processing System. 25-4203 . . . . 175.00

SPECIFICATIONS. Microprocessor: Intel 80286 processor with 16-bit data path. Clock speed, 8 MHz. Object code compatible with 8086/8088. Real-time clock with battery backup. **Operating System:** Optional Microsoft MS-DOS 3.2 with BASIC. **Memory:** 512K RAM with parity. 25-4011 standard with 640K RAM. By using the expansion slots, memory is expandable to 12 megabytes under XENIX. Includes power-up diagnostics. Sound included. **Keyboard:** 84-key sculptured, including numeric entry keypad. Special keys include ESCape, Num Lock, Alt, Ctrl, Caps Lock, Prt Sc, Sys Reg, Scroll Lock, Up, Down, Right and Left arrows. Ten programmable Special-Function keys. Retractable legs, 6-ft. coiled cable. **Video Display:** Optional high-resolution, non-glare, non-interlaced 12″ monochrome (green) or 14″ color monitor. 80 or 40 characters per line by 25 or 50 lines. Optional high-resolution 640 × 200 monochrome graphics and 320 × 200 graphics in 16 colors, or 640 × 200 graphics in 4 colors. **Disk Drives:** Built-in high-density, thin-line 5¹/₄″ floppy can read 1.2Mb and 360K formats. Tandy 3000 HD also has built-in 20- or 40-megabyte hard disk drive. Disk storage is expandable to include two floppy disk drives and one hard disk drive, or one floppy disk and two internal hard disk drives. Total internal storage capacity can exceed 80 megabytes. **Internal Expansion:** 10 plug-in card slots, including 7 PC/AT-compatible slots, 2 PC/XT-compatible slots and 1 PC/XT-compatible half-slot for the serial/parallel adapter. Optional 80287 math co-processor can be added. **External Connections:** Standard parallel printer port, RS-232C serial communications port, AC outlet. **Dimensions:** 6¹/₂ × 19 × 18″. **Weight:** 47 lbs. **Power Requirements:** 120VAC, 60 Hz. U.L. listed.

4   IBM/Registered TM International Business Machines Corp. MS-DOS/TM Microsoft Corp.

3000 HL: 4 TIMES AN XT's POWER

1-Disk Tandy 3000 HL

1699⁰⁰

Monitor and adapter
not included

**Commercial Lease Available
For Only $65 Per Month
(Plus Applicable Use/Sales Tax)**

If you've already invested in IBM® XT software and hardware, yet are shopping for a lower-priced compatible, then take a look at our newest computer to join the Tandy line of IBM compatibles, the Tandy 3000 HL.

The Tandy 3000 HL is the basic building block of business systems. It was created to be fully compatible with IBM XT's, and then we made it even better.

First, we made it faster. With an 80286 processor, it's over four times faster than the XT. And that's good news for busy people. Then we made sure the Tandy 3000 HL has plenty of memory to run the software you and your staff have grown accustomed to. The Tandy 3000 HL comes with 512KB standard memory and can be expanded to 4 megabytes using the expansion slots. You can choose from advanced word-processing packages and heavy-duty database management to accounting software. And because the Tandy 3000 HL uses most popular MS-DOS packages that are available off-the-shelf, you can get all the software you need, when you need it.

A Computer That Can Expand—Inexpensively

Because we know how quickly your business can grow, we made sure the Tandy 3000 HL has room for fast, low-cost expansion. It comes standard with seven expansion slots; four 8-bit/XT compatible slots and three 16-bit data bus slots. And for better office efficiency, the Tandy 3000 HL features a built-in real-time clock with battery backup for automatic date and time-stamping of all jobs, process control and other time-sensitive applications.

We also remember how much time is spent composing memos, calling meetings and writing reports. And because networking is quickly becoming one of the biggest concerns for current computer owners, we made the Tandy 3000 HL network compatible with all MS-DOS computers. Now with the Tandy Vianet local area network, you can connect your existing MS-DOS based computers to the Tandy 3000 HL and continue to communicate with your staff, while spending much less. It will be easier than ever before to pass a document around your company for comments and refinements, producing a finished version that not only costs less but contains better information. You can send memos, figures and other important messages via computers, eliminating lost memos, forgotten meetings or incomplete reports.

For XT compatibility with more power and versatility, at a much lower cost, this is the computer to step up to.

Tandy 3000 HL. 25-4070	1699.00
20 Megabyte Hard Drive. 25-4062	799.00
40 Megabyte Hard Disk. 25-4061	1799.00
Hard Drive Controller. 25-4060	399.95
MS-DOS 3.2/BASIC/DeskMate II. 25-4103	99.95

THE TANDY 2000 COMPUTER

2-Disk Tandy 2000	10-Meg Tandy 2000 HD
1599⁰⁰	**2499**⁰⁰
Commercial Lease Available For Only $60 Per Month (Plus Applicable Use/Sales Tax)	Commercial Lease Available For Only $90 Per Month (Plus Applicable Use/Sales Tax)

Monitor and graphics options not included.

High Technology . . . for Less

Like the IBM PC/AT, the 256K Tandy 2000 performs two to three times faster than the IBM PC. Each Tandy 2000 disk drive offers 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. Check out the Tandy 2000 . . . we invite comparison!

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, the Tandy 2000 offers minicomputer performance at an exceptional low price.

Extremely High Speed

An 80186, 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.

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.

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, 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 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.

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	Mono	Option	Option
Printer Adapter	Included	Option	Option
Optional Graphics	640 × 400	320 × 200	640 × 350
RS-232 Adapter	Included	Option	Option
Price—CPU only (Mfgr.'s list as of 4/2/86)	$1599	$1995	$3995

Tandy . . . Clearly Superior™

At $3995*, a similar PC/AT configuration 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 $2553.85—over $1400 less than an AT without a monitor! Add expansion memory, stunning high-resolution monochrome and color graphics, our Digi-Mouse™ and more. And you can install most of these options yourself. Putting it simply, the Tandy 2000 delivers extraordinary quality performance at a remarkably low price.

256K 2-Disk Tandy 2000. 26-5103 . . . . 1599.00
10-Meg Tandy 2000 HD. 26-5104 . . . . 2499.00

†Comparable IBM PC AT single-user configuration with 2 disk drives, RS-232 and monitor/printer support.

TANDY 2000 EXPANSION OPTIONS

10-Megabyte Disk Cartridge System
Now for the Tandy 2000 Computer

2195⁰⁰   Ideal As Primary Disk Storage or for Backup

10-Megabyte Disk Cartridge System. Use the Disk Cartridge System as your primary data storage device instead of a hard disk drive. You get speed, reliability, expandability, security and transportability without compromise. Each cartridge holds 10 megabytes of data—and because the cartridges are removable, you can run an unlimited amount of data without adding drives. The Disk Cartridge System also gives you fast, convenient backup. Includes cartridge. U.L. listed.
26-1245 .... 2195.00
Interface Kit for Tandy 2000. User installable.
26-5147 .... 199.95
New Low Price! 10-Megabyte Cartridge. Was $89.95 in Cat. RSC-16. 26-1372 .... 79.95

Choose Your Display Monitor
Both the VM-1 High-Resolution Monochrome Monitor 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 $599.00 in Cat. RSC-16.
26-5112 .... 529.95

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. 26-5140 .... 299.95

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.
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 8½ × 12¼". 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

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. Battery back-up. User installable.
26-5144 .... 99.95

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 .... 499.95

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 $179.95 in RSC-16. 26-5160 .... 129.95

New Low Price! Memory Expansion Board
Contains 128K of memory. Our 128K RAM Upgrade expands this board to 256K. Two boards can be added. User installable. Was $219.95 in RSC-16. 26-5161 .... 149.95

New Low Price! 128K RAM Upgrade
Installs on Memory Expansion Board. User installable. Was $129.95 in RSC-16. 26-5162 .... 99.95

10-Megabyte Hard Disk Kit
Requires installation (not included). 26-5125 ...... 1000.00

External Hard Disk Controller
Connect one external secondary hard disk drive (10, 15 or 35-megabyte) to a floppy disk-based Tandy 2000. Installation recommended (not included). 26-5127 .... 350.00

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. Requires special software. 26-5164 .... 325.00

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. **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

7

HI-PERFORMANCE TANDY 1000 SX

1199⁰⁰ *Less monitor and software*

- Fifty-Percent Faster Than the IBM® PC
- Ready-to-Run—Includes DeskMate II Six-Function Software
- Software Compatible with the IBM PC—
  Choose From the Most Popular Programs on the Market
- Two Built-In 5¹/₄" 360,000-Character Disk Drives
- Five PC Compatible Card Slots for Easy Expansion

Tandy 1000 SX. Our MS-DOS family of computers is growing to meet your needs. Since its introduction, the Tandy 1000 went on to become the hottest IBM PC compatible to hit the market. Now we've made it even better.

High Speed Performance

The 1000 SX is centered around the 8088 microprocessor, ensuring compatibility with industry-standard MS-DOS software. But unlike other "industry-standard" computers, you can run virtually all of your programs one and one-half times as fast with a 1000 SX. This software-switchable speed control lets you finish spreadsheets, sort data bases and display intricate charts and graphs faster than ever.

To complement this new level of sophisticated performance, the 1000 SX comes with 384K RAM, expandable to 640K on the main board, and two built-in disk drives. And with five card slots, it's easy to expand your system. Expansion boards are user-installable, and you can choose from memory expansions, internal modems—even a 20-megabyte hard disk card!

Get Down to Business with DeskMate II

We've improved our popular DeskMate 6-in-1 applications software to take advantage of the Tandy 1000 SX's power. DeskMate II* for the Tandy 1000 SX features six applications on one disk. And with the special task-switching feature, you can exit DeskMate II, enter an applications program, then return to DeskMate II—all with just a few keystrokes. Start computing the first day with Text Processing, Spreadsheet Analysis, Electronic Filing, Calendar/Alarm, Telecommunications and Electronic Mail. Every day you'll be greeted by a menu that displays a calendar, appointment schedule and a list of files stored for every function. Plus, when you use your Tandy 1000 in a local area network, DeskMate II is ready, because it's compatible with ViaNet.

And since the Tandy 1000 SX is PC compatible, you can choose from an astounding collection of MS-DOS programs. Select from popular spreadsheet, word processing, integrated applications, business graphics, education or entertainment programs.

Packed with Deluxe Features

With the Tandy 1000 SX, most of the "options" you expect to pay more for are included. Adapters are built in for easy hookup to a monochrome or color monitor. You can even display high-resolution graphics on our lowest-priced monitor. Or use your color TV with an optional RF modulator for 40 column text and color graphics. Adapters for a printer, joysticks, or light pen are all standard, as are MS-DOS 3.20 and GW-BASIC. Whatever your needs, the Tandy 1000 SX is the most powerful computer for the money. 25-1051 . . . . 1199.00

SPECIFICATIONS: Microprocessor: Intel 8088, Clock Speed: 7.16/4.77 Mhz, software selectable. **Operating System:** Includes Microsoft's MS-DOS 3.2 with GW-BASIC. (Reference Manuals extra). **Memory:** 384K RAM, expandable on main board to 640K. Includes power-up diagnostics. **Keyboard:** 90-key sculptured, including numeric-entry keypad. Special keys include HOLD, ESCape, BREAK, CTRL, CAPS, INSERT, DELETE, and HOME. Twelve programmable Function keys. Retractable legs. 6-ft. coil cable. **Video Display:** Optional high-resolution, non-glare 12" monochrome (green) or 13" RGBI Color Monitor. 80 or 40 characters per line by 25 lines. 256 characters. Reverse video, blank, blink. 16 foreground and 8 background colors. High-resolution monochrome and color graphics (640 x 200 pixels). Displays 8 of 16 colors—black, blue, green, cyan, red, magenta, brown, white, gray, light blue, light green, light cyan, light red, light magenta, yellow, high-intensity white. Higher resolution video support available with optional expansion boards. **Disk Drives:** Two double-sided, double-density, 360K (formatted) thin-line 5 ¹/₄" mini-floppies. 48 tracks per inch. **Internal Expansion:** Five user-accessible IBM PC-compatible card slots (10" maximum length). 8087 Math-Coprocessor. **External Connections:** Standard parallel port, composite video out, line level audio out, light pen port, two joysticks, RGBI Color Monitor. AC outlet. **Power:** 120 VAC. 50/60 Hz.

*DeskMate II requires 80 column monitor. Telecommunications and E-Mail require optional modem.

ENTRY-LEVEL TANDY 1000 EX

MONITORS, ADD-ONS AND BOOKS

Complete Your System with the Tandy Display Monitor That's Right for You

Monitor Pedestal
sold separately

We offer monitors for every need and budget. Our monochrome monitors have non-glare, green phosphor screens. Or pick a color monitor for brilliant graphics.

VM-1 Monochrome Monitor. 12″ screen displays 80×25 text, 640×400 graphics. Tilts 5 or 10 degrees for best viewing angle. 26-5111 . . . . 199.95

VM-3 Monochrome Monitor. 12″ screen displays 80×25 text, 720×348 graphics. 25-3010 . . . . 219.00

New! VM-4 Monochrome Monitor. 12″ screen displays 80×25 text, 640×200 graphics. 25-1020 . . . . 129.95

New Low Price! CM-1 Color Monitor. 14″ screen displays 80×25 text, 640×400 graphics. Tilts 5 or 10 degrees for best viewing. Was $599.00 in Cat. RSC-16. 26-5112 . . . . . 529.95

New! CM-5 RGBI Color Monitor. 13″ screen displays 80×25 text, 320×200 graphics. 25-1023 . . . . 299.95

New! CM-10 RGBI Color Monitor. 13″ screen displays 80×25 text, 640×200 graphics. 25-1022 . . . . 459.95

Quick-Reference Chart for Tandy Display Monitors

| | Video Adapters for Tandy 1200/3000 | | | Tandy 1000 | CoCo | 100/102/200 Disk Video | Tandy 2000 | CoCo 3 |
	25-3045	25-3046	25-3047					
VM-1		640×400 Text Only	640×400 Text and Graphics(3)				640×400 Text and Graphics(4)	
VM-3	720×348 Text and Graphics(1)							
VM-4	640×200 Text and Graphics			640×200 Text and Graphics		640×200 Text Only		
CM-1		640×400 Text Only	640×400 Text and Graphics(3)				640×400 Text and Graphics(5)	
CM-5	320×200 Text and Graphics			320×200 Text and Graphics				
CM-8								640×192 80-Column Text and Graphics
CM-10	640×200 Text and Graphics			640×200 Text and Graphics				
Composite Color	320×200 40-ColumnText			320×192 40-Column Text		320×200 40-Column Text		320×192 32/40-Column Text and Graphics
TV	320×200 40-Column Text(2)			320×200 40-Column Text(2)	256×192 32-Column Text	320×200 40-Column Text(2)		320×192 32/40-Column Text and Graphics

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Two-Button Digi-Mouse

99⁹⁵

Ideal for Use with Graphics Programs

Plugs in for easy cursor movement in graphics programs, as well as other applications. Requires Digi-Mouse/Clock Controller Board (26-5144, 25-1010 or 25-1015). 26-1197 . . . . . 99.95

Deluxe Joystick

29⁹⁵

Get Quicker and Easier Cursor Control

You can feel the difference. Patented stick mechanism for more accurate cursor control and quicker response. Select "spring-centering" or "free-floating" operation. 26-3012 . . . . . 29.95

Instructional and Reference Books

New! MS-DOS/GW-BASIC Reference Guides. Includes reference materials for MS-DOS and GW-BASIC 2.11 and 3.20. 25-1508 . . . . 29.95

MS-DOS: The Basics. Explains the basics of the MS-DOS system, its functions and possibilities. 25-1506 . . . . 7.95

MS-DOS: Advanced 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 . . . . 14.95

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

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

Tandy 1000 Programmer's Reference Manual. Documents all BIOS subroutines and entry points for use in low-level languages. 25-1503 . . . . 14.95

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

(1) Requires special software. (2) Requires RF modulator. (3) 640×200 with standard software. Hi-res modes require special software. (4) Graphics require 26-5140 (5) Requires 26-5140//5141.

POWERFUL EXPANSION OPTIONS

TCS-100 Tape Cartridge System

Backup Your Data on Tape

1999⁰⁰

Now you can get reliable hard-disk backup on tape (backup 10 megabytes in as little as 6 minutes). Uses standard ¹/₄" cartridges (one included) for over 48 megabytes of archival storage. Powerful file-by-file backup/restore function. Select single files, groups of files or all files. Select files based on globals, wild cards, files modified since last backup, file creation data, directory structure and more. Features three heads—read, write and erase—for one-pass backup with immediate read-after-write verification. Requires Interface Kit (below) U.L. listed AC. 25-3020 .... 1999.00

Tandy 1000/1200/3000 Interface Kit. Includes software and cables for file-by-file or mirror-image backup. Kit also supports IBM PC and PC-compatible computers. 25-3021 ... 149.95

¹/₄" Data Tape Cartridge. 26-1391 .... 34.95

20 + 20-Megabyte Disk Cartridge System

3499⁰⁰

Depend on a Disk Cartridge System instead of a hard disk for speed, reliability, expandability, security and transportability. The DCS consists of one or two drives and high-performance cartridges. Because cartridges are removable, you can store an unlimited amount of data. You can easily back up your conventional hard-disk system. Requires Interface Kit (below).

New! 20 + 20-Megabyte DCS. 25-4066 .... 3499.00

New! 20-Megabyte 5¹/₄" Internal DCS. (Available 9/30/86.) 25-4064 .... 1799.00

10-Megabyte DCS. 26-1245 .... 2195.00

Secondary DCS. Add a 10-megabyte disk kit to create a 10 + 10-megabyte system. 26-1246 .... 999.00*

New! 8" 20-Megabyte Cartridge. 26-220 .... 119.95

New! 5¹/₄" 20-Megabyte Cartridge. 26-221 .... 84.95

New Low Price! 10-Megabyte Cartridge. Was $89.95 in Cat. RSC-16. 26-1372 .... 79.95

20-Megabyte Hard Disk Card

NEW FOR 87 # 799⁰⁰

- An Efficient New Way to Get Hard-Disk Storage
- User-Installable Card Saves on Desk Space

Get 20 megabytes of hard-disk storage on a user-installable card. Mounts in a 10" card slot on the Tandy 1000 or a 13" slot on the Tandy 1200, Tandy 3000 HL, IBM PC or PC compatible. Operates as either first or second hard disk and can run a second hard disk drive. Comes with a thorough installation manual and a diskette with special installation software. It's the easiest way yet to get hard-disk storage power! 25-1029 .... 799.00

External 10-Megabyte Hard Disk Drive

Get 10 Million Characters of Data and Program Storage

699⁰⁰

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. 25-1025 .... 699.00

User-Installable Tandy 3000 Expansion Boards and Options

1.2-Meg. Floppy Disk Kit. High-performance, high-capacity floppy disk drive. Store 1.2 megabytes of data. Can also read and write 360K disks. 25-4050 .... 299.95

360K Floppy Disk Kit. 25-4051 .... 199.95

New Low Price! Hard Disk Controller. Lets you add an internal 20-megabyte hard disk. Was $499 in Cat. RSC-16. 25-4060 .... 399.95*

20-Megabyte Hard Disk Kit. Use with Tandy 3000 HD to increase internal storage by 20 meg. Or combine with Controller above to convert a 3000 to a 3000 HD. 25-4062 .... 799.00*

External Hard Disk Cable Kit. 25-4063 .... 59.95*

New! Memory Expansion Board. Add up to 2 megabytes of memory to your Tandy 3000. Comes with 1MB of memory. In MS-DOS, use VDISK to set aside portions of your computer's RAM memory that simulate disk storage. Use board for more efficient operations using XENIX System V operating system. 25-4030 .... 499.95

New! 4-User Board. Adding this multiuser board to your Tandy 3000 computer enables it to support up to four serial devices

operating at 9600 baud. For use with the XENIX System V operating system. The board uses a Z80 controller for greater speed. 25-4031 .... 299.95

80287 Math Co-Processor. Add to your Tandy 3000 to perform one set of functions while the co-processor simultaneously performs highly accurate mathematical calculations (arithmetic, trigonometric operations and logarithmic functions) at high speed. Programs must be specifically written for this option. 25-4033 .... 399.95

Tandy 1000/1200/3000 Serial Parallel Adapter. Add a second serial/parallel adapter to connect a second printer or increase your communications capability with an additional modem. 25-4034 .... 169.95

10-Megabyte Disk Cartridge System Interface Kit. For Tandy 1000/1200/3000. 25-3022 .... 199.95*

New! 20-Megabyte Disk Cartridge Interface Kit. For Tandy 1000/1200/3000. 25-4081 .... 149.95*

New! Universal Disk Cartridge System Interface Kit for Tandy 2000. 26-5147 .... 199.95*

*Installation Recommended. Not Included.

11

UPGRADE & EXPANSION OPTIONS

Add a Disk Drive to Your System

NEW FOR 87 **279⁹⁵** Low As $20 Per Month★

3¹/₂″ 720K External Disk Drive. Gives twice the storage of a 5¹/₄″ disk drive and uses smaller, more durable diskettes. Special features in the Tandy 1000 EX allow you to store programs on this disk drive and load them directly. 25-1061 .. 279.95

5¹/₄″ 360K External Disk Drive. Makes backing up diskettes much easier! Also very useful for personal productivity applications. 25-1060 .... 249.95

Tandy 1000 Disk Drive Kit. Provides an additional 360K of disk storage. Mounts internally. Installation recommended (not included). 25-1005 .... 199.95

Tandy 1000/1200/3000 Expansion

Digi-Mouse
Plugs in for easy cursor movement in graphics programs, as well as other applications. 26-1197 .... 99.95

New! Memory PLUS Expansion Adapter
Expands your Tandy 1000 EX to 384K and adds DMA circuit to speed up computer operations. Sockets allow you to expand another 256K. Also provides connectors for addition of two PLUS Upgrade Boards. 25-1062 .... 129.95

New Low Price! Memory PLUS Expansion Board
Provides DMA and an additional 256K of memory—bringing your 128K Tandy 1000 to 384K. Add the 256K RAM Kit for a full 640K. PLUS Expansion Board (RS-232 or Mouse) can be plugged into a special connector, saving a slot for other applications. Was $319.95 in RSC-16. 25-1011 .... 179.95

New Low Price! 256K Parity Memory Kit
Add 256K of memory to your Tandy 1000, 1200 or 3000. Was $219.95 in RSC-16. 25-3062 .... 129.95

New Low Price! Memory Expansion Board
Uses an expansion slot to upgrade a 256K Tandy 1200 to 384K or a 384K Tandy 1000 to 512K. Also provides sockets for an additional 128K. For Tandy 1000/1200/PC/Compatibles. Was $199.95 in RSC-16. 25-1009 .... 129.95

New Low Price! 128K RAM Upgrade Kit
Use to upgrade your Tandy 1000 from 256K to 384K or from 512K to 640K. Was $129.95 in RSC-16. 26-5162 .... 99.95

New! 8087 Math Co-Processor
For Tandy 1000 (25-1000A or 25-1001A only), and 1200. Increase throughput up to 10 times with software that supports a co-processor. Supported by many CAD and spreadsheet programs and many more. 25-1012 .... 229.95

Digi-Mouse Controller/Calendar Board
Dual-purpose board includes controller for Digi-Mouse™ and perpetual time/date. Never have to enter time and date again. For Tandy 1000/1200 only. 25-1010 .... 99.95

New Low Price! 1200-Baud PC Modem
An auto-dial/auto-answer modem for the Tandy 1000/1200/3000, 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. FCC registered. Was $299.95 in RSC-16. 25-1013 .... 199.95

New! Dual Display Graphics Adapter
Combines the function of 3 boards in one. Uses VM-3 and CM-10 monitors. Displays up to 640×200 in 16 colors with special software. Features Hercules-compatible graphics mode for use with VM-3 monitor. 25-3045 .... 249.95

Deluxe Text Display Adapter
Allows your Tandy 1000, 1200 or 3000 to display text on the VM-1 Monochrome Monitor or CM-1 Color Monitor. 25-3046 .... 249.95

New Low Price! Deluxe Graphics Display Adapter
Allows your Tandy 1200 or 3000 to display high-resolution graphics (640×400) on the CM-1 or VM-1. Was $499.95 in RSC-16. 25-3047 .... 399.95

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. 25-1007 .... 299.95

PLUS Upgrade Boards
These boards are specially designed for use with the Tandy 1000 EX or our Memory PLUS Expansion Board. You can also use them with the Tandy 1000 SX or any other PC compatible with the PLUS Upgrade Adapter Board. All PLUS Upgrade Boards are user installable with just a few simple tools.

New Low Price! PLUS RS-232C Option Card
Lets your computer 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. Was $99.95 in RSC-16. 25-1014 .... 79.95

PLUS Digi-Mouse Controller/Calendar Board
Dual purpose—includes controller for Digi-Mouse™ and a perpetual time/date clock. You'll never have to enter time and date again! 25-1015 .... 99.95

New! PLUS 300 Baud PC Modem
Great for use with the DeskMate and on-line services such as Compuserve, Dow-Jones and more! Switchable Tandy/Hayes® compatible modes. Connects directly to modular phone jack. FCC registered. Cable included.
25-1017 (Avail. 12/30/86) 99.95

New! PLUS 1200 Baud PC Modem
Hayes™ compatibility lets you run the most popular communications software at higher speeds—reducing the cost of on-line time. FCC registered. 25-1018 .... 199.95

New! PLUS Network 4 Interface
Use the Tandy 1000 EX as a low cost system in an educational network. See network section on page 35 for more information. 25-1019 .... 299.95

PLUS Upgrade Adapter Board
Allows you to use PLUS Upgrade Boards in a standard PC card slot. 25-1016 .... 14.95

12

NEW EXPRESS ORDER HARDWARE

Choose From a Variety of Options

Expand your computer system with the latest technology! Pages 13, 14 and 15 feature special expansion boards and other hardware enhancements that are available through our exclusive Express Order Hardware service. These expansion options are performance proven, and professionally supported by the independent manufacturers (see page 15). 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.

AST Research

5251/11™. Attach PC's and compatibles directly to an IBM System 3X. Allows your PC to emulate IBM 5151 Model 11 terminals without change. 90-2050 . . . . 895.00

5251/12. For remote IBM System 3X communications. Package allows your PC to emulate an IBM 5251 Model 12 Terminal. 90-2044 . . . . 790.00

3270 Coax™. Allows your PC to function as 3278/79 terminal via standard coaxial cable connections. 90-2029 . . . . . . 1145.00

3780™. Allows your PC to emulate IBM's 2770, 2780, 3741 and 3780 terminals. 90-2049 . . . . 895.00

SNA and BSC. Complete hardware/software solutions providing full IBM 3270 terminal emulation.
SNA. 90-2038 . . . . 895.00
BSC. 90-2030 . . . . 695.00

PCOX™. Low cost, direct coaxial solution, integrates your PC into an existing mainframe/controller environment for reliable 3270 communications.
90-2039 . . . . 995.00

SIX PAK PREMIUM™. With 512K memory. Expanded memory with multifunction capabilities. Includes DESQview.
90-2054 . . . . 595.00

RAMpage™. Enhanced Memory Specification combined with DESQview. Up to 2 megabytes of memory.
For PC and XT (with 256K). 90-2052 . . . . 395.00
For AT (with 512K). 90-2053 . . . . 795.00

Advantage™. For the PC-AT and compatibles. Offers up to 3 megabytes of memory, 2 serial ports, parallel port and game adapter port. 90-2051 . . . . 595.00

STB

Memory Companion/PC™. STB's Memory Companion/PC offers bank switching capability for the Tandy 1200/3000 and the IBM PC, XT, AT and compatible systems. The board provides up to 2 megabytes of memory for software programs using the Lotus/Intel/Microsoft Expanded Memory Specification.
90-2027 . . . . 520.00

EGA Plus™. Tandy 1200/3000 and IBM compatible. Incorporates an Enhanced Graphics Adapter, Graphics Memory Expansion Card, Graphics Memory Module Kit and Parallel Print Adapter on a single video board. 90-2025 . . . . 499.95

Chauffeur™. Tandy 1200/3000 compatible. Displays IBM color/graphics software in a full-screen format, without any software modifications. Colors are converted to a 16-level grey scale.
90-2026 . . . . 395.00

Grande Byte™. Offers a variety of memory expansion sizes for the Tandy 1200/3000 and the IBM AT. Provides up to 2.5 megabytes of extra memory for RAM disks, multitasking programs or multiuser operating systems. 90-2028 . . . . . 495.00

Rio PLUS II™. A multifunction board with an array of functions for the Tandy 1200 and 3000. Access up to 576K of additional memory by using all of the memory expansions. Other features include a Parallel Printer Port, one Standard and one Optional Serial Port, Clock/Calendar and Optional Game Port.
90-2072 . . . . 395.00

SUPER I/O II. Provides four I/O functions for the Tandy 1200 and IBM XT and IBM Portable. The SUPER I/O II offers a parallel port, serial port, game port and clock/calendar. Comes with user's manual. 90-2071 . . . . 195.00

Quadram

QuadEGA + ™. Four PC display standards in one high resolution color graphics board. Perfect for the Tandy 1200/3000, IBM® PC, PC/XT and AT. Get 640 × 350-resolution graphics in 16 colors (choice of 64), 720 × 348 in color and monochrome software, 320 × 200 medium-resolution or 640 × 200 high-resolution graphics (16 out of 16 colors). 90-2045 . . . 595.00

Quadport-AT™ Expansion Kit. Dramatically increases the power of your Tandy 3000 or IBM PC/AT by adding four serial communications ports to the Quadport-AT. These ports let you add stations in a multiuser environment or peripherals.
90-2046 . . . . 595.00

Liberty™ AT. Frees your Tandy 3000 from the drawbacks of the 640K PC-DOS limit. Liberty AT is built around the Lotus/Intel/Microsoft Expanded Memory Specification.
90-2047 . . . . 595.00

AT Memory Expansion. Expansion kit delivers two add-on daughter cards for the Quadboard-AT and the Liberty-AT.
90-2048 . . . . 285.00

Tecmar

Phonegate 2400. Tandy 1200/3000-compatible 2400 baud modem that can be installed in a single slot. With simple commands you may communicate with other computers and send files and messages reliably. 90-2031 . . . . 695.00

5251/11 Emulator™. Allows you to use your Tandy 1200/3000, IBM PC, XT or AT as an IBM 5251/11, 5291 or 5292 Model 1. Your computer can communicate with an IBM System 34/36/38 computer. In addition to two host sessions, you can use your PC as a regular computer. 90-2034 . . . . 795.00

Maestro AT™. Maestro is a powerful multifunction board for your Tandy 3000 or IBM Personal Computer AT, containing a parallel port, serial port and up to 2.5 megabytes of memory. Comes with 640K of memory. Adds up to 2.5 megabytes of memory. Easy to install. 90-2032 . . . . 795.00

640 Plus™. Give your Tandy 1200/3000 or IBM PC, XT or AT new power, the ability to create spreadsheets, data bases and files of unprecedented size. Install up to four 640 Plus boards for a total of 8 megabytes of memory! 90-2033 . . . . . 475.00

MegaFunction™. For the Tandy 1200/3000. MegaFunction combines the standard multifunction capabilities with a 1.25 megabyte RAM disk, an auxiliary power supply, parallel printer port, serial port and a clock/calendar. 90-2036 . . . . 895.00

MORE EXPRESS ORDER HARDWARE

Captain™. A complete multifunction board that adds up to 384KB system memory, parallel printer port, serial port and clock/calendar. The basic add-on for your Tandy 1200/3000, IBM PC or compatible computer. Comes with bonus software package from Tecmar. 90-2037 . . . . 589.00

Q60AT™. A half-height internally mounted tape backup unit for your Tandy 1200/3000 or IBM PC. Protects you from data loss should your hard disk fail. User-friendly menus guide you through the program. 90-2035 . . . . 1695.00

Key Tronic

Key Tronic Keyboard 5151. Improves the use of your IBM PC, XT or AT Personal Computer. Incorporates keytop and layout changes, as well as other features, for greater flexibility and user convenience.
Tandy 1200. 90-2041 . . . . 248.00
Tandy 3000. 90-2040 . . . . 248.00

Key Tronic Touchpad. A real technological breakthrough in keyboard design. You get a Mouse, Digitizing Tablet, programmable function keys and Cursor Pad—all encompassed in an AT-style keyboard. 90-2042 . . . . 418.00

Key Tronic Keyboard 5150. Replacement keyboard for the Tandy 1200. 90-2043 . . . . 149.00

Kurta

Series ONE Tablet™. Tandy 1200/3000 compatible. The microprocessor-based tablet offers switch selectable output formats, multiple operating modes, downloading from the host and a programmable menu for ease of use.
90-2000 . . . . 795.00

Series TWO Tablet. Tandy 1200/3000 compatible. High-resolution tablet digitizer provides origin set capability, as well as automatic skew correction. Resolution is up to 1000 PPI with an accuracy of approximately .025″. 90-2001 . . . . . 1085.00

Three-Button Cursor. 90-2002 . . . . 125.00

Irwin

Model 110 Tape Backup™. 10-megabyte tape backup system provides unparalleled flexibility. 90-2062 . . . . 699.00

Model 125AT Tape Backup. 20-megabyte high-speed tape backup system. 5¼″, 500K bit data transfer rate.
90-2061 . . . . 850.00

Tallgrass

Tallgrass TG-1020i Tape Backup™. 20-megabyte half-height 5¼″ automatic tape backup system. Internal.
90-2063 . . . . 995.00

Tallgrass TG-2010e Tape Backup. External tape backup system.
90-2064 . . . . 1295.00

Archive

Fastape™ Streaming Tape Drive. ¼″ streaming tape drive, 20 MB capacity. Housed in rugged cabinet.
90-2059 . . . . 1195.00

Scorpion 5¼″ Tape Drive. High performance drive, yet takes up no more space than a floppy disk. Ideal solution for tape backup.
90-2060 . . . . 1195.00

Sigma

Color 400™. Allows your Tandy 1200/3000 to display high-resolution graphics (640 × 400) non-interlaced in 16 colors using the CM-1 monitor. CGA/AutoCAD compatible. Comes with PC Paintbrush. 90-2073 . . . . 695.00

PC Technologies

286 Express™ Accelerator Card. Full featured, half-slot accelerator card. Compatible with the Tandy 1200 and the IBM PC and PC/XT. Replaces the CPU with an 80286 microprocessor, faster than the one in the AT. Your software will run two to six times faster. 90-2065 . . . . 599.00

Orchid Technology

CramRAM™. Get 1 megabyte (expandable to 2) of RAM packaged in a half-length card. Bring your Tandy 1200 up to 640K and get Lotus/Intel Expanded Memory Specification—all with the same board!
90-2066 . . . . 645.00

Conquest™ Multifunction Board. Supports the Tandy 1200, IBM PC and compatibles. Effectively replaces three ordinary expansion boards with a multifunction board, an expanded Memory board and a PCnet board—all in one! Multiple boards expand your memory to 8 megabytes.
90-2075 . . . . 395.00

Western Digital

Filecard 20™. An easy-to-install 20 megabyte hard disk mounted on a single controller card. Allows your computer to remain configured with two floppy drives for greater flexibility.
90-2080 . . . . 895.00

Ven-Tel

2400-Baud Half-Card PC Modem. An ultra-high performance internal modem for the Tandy 1000/1200/3000 and IBM PC/XT/Compatibles. Features auto-dial/auto-answer, 2 telephone jacks, call progress reporting (BUSY, NO ANSWER, ETC) and test modes. FCC registered.
90-2067 . . . . 695.00

Natural Micro Systems

Watson Voice Management System™. An integrated modem that puts the "voice" in voice/data communications. Includes voice mail system, electronic telephone database, auto/dial, calendar, remote editing and more.
90-2082 . . . . 498.00

Watson-VIS Software. An upgrade software that turns Watson into a voice information system. Perfect for customer messages, orders after business hours, polling, telemarketing and more.
90-2083 . . . . 298.00

Telebyte

Shorthaul Modem™. Modem/line driver for linking any RS-232-based devices. Up to 19.2K baud, full duplex.
90-2004 . . . . 125.00

RS-232 to Phone Plug Converter. Convert RS-232 to modular phone connector.
HOST. 90-2005 . . . . 29.95
TERMINAL. 90-2006 . . . . 29.95

MORE EXPRESS ORDER HARDWARE

Information Technologies, Inc.

Linkup System XT™. Linkup XT is a full performance, communications plug-in board (short board) allowing high-speed (up to 19.2K bps) communications with a wide variety of host systems or other personal computers. Includes SDLC, HDLC, BSC and asynchronous protocol support, programmable software timer, installation manual and hardware diagnostic utility software. For the Tandy 1000/1200/3000. 90-2010 .... 395.00

Linkup System XT SNA 3270. Emulates REMOTE 3270 display station using SNA/SDLC protocol. Supports switched or leased line, on-line trace and error logging, RS-232C modem interface, full or half duplex. For the Tandy 1000/1200/3000. 90-2011 .... 390.00

Linkup System XT BSC 3270. Emulates REMOTE 3270 display station using BSC protocol. Supports switched or leased line, on-line trace and error logging, RS-232C modem interface, full or half duplex. For the Tandy 1000/1200/3000. 90-2012 .... 390.00

Linkup System XT BSC 3780. Emulates REMOTE 3780 or 2780 RJE Display Station. For the Tandy 1000/1200/3000. 90-2014 .... 390.00

Linkup System One. Linkup is a high-performance, cost-effective data communications product for the Tandy 1200/3000 that allows high-speed (up to 64K bps) communications with a wide variety of host systems or other personal computers. Includes communications co-processor, efficient shared RAM memory interface to bus, SDLC, HDLC, BSC and asynchronous protocol support, programmable real-time clock, calendar, software timer, installation manual and hardware diagnostic utility software. 90-2015 .... 605.00

Linkup System One SNA 3270. Emulates REMOTE 3270 display station using BSC protocol. Supports switched or leased line, on-line trace and error logging, RS-232C modem interface, full or half duplex. Includes Linkup ATERM, ABLOCK, VT 52/100. For the Tandy 1200/3000. 90-2016 ..... 390.00

Linkup System One BSC 3270. Emulates REMOTE 3270 display station using BSC protocol. Supports switched or leased line, on-line trace and error logging, RS-232C modem interface, full or half duplex. Includes Linkup ATERM, ABLOCK, VT 52/100. For the Tandy 1200/3000. 90-2017 ..... 390.00

Linkup System One BSC 3780. Emulates REMOTE 3780 or 3270 RJE display station. 90-2019 .... 390.00

Linkup System Coax. Emulates LOCAL IBM 3278/9 Display Station cabled via RG-62-A/U coax to an IBM 3274/6 Terminal Controller or System 360/370/30xx/43xx Host Communications Controller. IRMA-compatible. Various file transfer support including TSO, CMS and CICS support. BASIC language interface (and requisite subroutines) for File Transfer via BASIC programs. Utility programs for redefining default keyboard and display attributes. Installation manual. Diagnostic software. For the Tandy 1200/3000. 90-2020 .... 700.00

National Instruments

GPIB-PC 2000 CARD™. IEEE-488 interface transforms a Tandy 2000 into an instrumentation workstation with capability of controlling over 4000 different instruments. 90-2021 .... 795.00

GPIB-PC DOS Software. Transform GPIB controller with complete communications and bus management capability. 90-2022 .... 430.00

Advanced Digital

PC Slave™. Actually a PC-compatible computer on a full-size card. Lets you run MS-DOS on a terminal sharing disk drives and printer only. Comes with 256K memory and operating system software. 90-2081 .... 1090.00

Warp Speed Computer Products

Warp Speed™ Light Pen. Operates on either monochrome or color monitor. Includes free driver software for Tandy DeskMate®, Microsoft® Windows and a File Controller.
For Tandy 1000. 90-2069 .... 199.99
For Tandy 1200. 90-2074 .... 199.99

Lite Pen Company

Light Pen. Stainless steel pen includes software, featuring sketch/draw/paint color graphics, backgammon, solitaire, world national maps, computer tutorials. Two-year warranty.
For Tandy 1000. 90-2085 .... 179.95
For Tandy 1200. 90-2086 .... 179.95

PBJ Computer Products

MFB-1000 MultiFunction Board. Contains the three most needed functions on a single expansion card. The MFB-1000 contains up to 128K (expandable to 512K) of RAM for the Tandy 1000, a serial port, and a battery-backed real time clock/calendar. 90-2078 .... 329.95

X RAM™ Memory Expansion Board. Breaks the 640K barrier imposed by DOS and adds up to two megabytes of memory to your system. Includes 256K and a versatile RAMdisk program. Intel/Lotus/Microsoft compatible. For Tandy 1000/1200. 90-2079 .... 299.95

Upstart Corp.

Colorblind™. Combats many of the symptoms suffered by CRT users: eye strain, headaches, blurred vision, etc. Makes it easy to switch video attributes (high intensity and color) without reconfiguring the software. Run color software on a VM-4 monitor. Use with the Tandy 1200/3000 or the IBM PC. 90-2076 .... 49.95

Perma Power Electronics

Color Commander™. Get more variety in your color graphics. Pushbutton color changes for business graphics, illustrations and word processing. Compatible with RGB monitors: CM-2, CM-4 and CM-10. 90-2077 .... 359.00

Trionix

Trionix 8087 Adapter. Allows you to add a Math Co-Processor to your Tandy 1000 or Tandy 1000 HD., which speeds up CAD and other applications by as much as 10 times. Requires special software. For 25-1000 and 25-1001 only. 8087 Math Co-Processor sold separately. 90-2070 .... 240.00

Omnitel

OmniPak™. Integrates all the communications needs of a Tandy 1200/3000 or IBM PC into one versatile card. By combining a 1200-baud modem with memory and expansion, OmniPak puts any suitably-equipped PC in the nation no further away than your keyboard! 90-2068 .... 549.00

Important Express Order Hardware Notice

1000/1200/2000/3000 SOFTWARE

The *pfs* Series

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. Store, retrieve and review information in a fraction of the time conventional filing takes.

Tandy 1000/1200. 25-1140 .... 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.

Tandy 1000 25-1141 .... 125.00
Tandy 1200 25-3162 .... 125.00

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.

Tandy 1000/1200. 25-1142 .... 140.00

pfs:graph

Turn complex numerical data into easy-to-read graphs. Accepts data from *pfs:file* or from the keyboard. Displays and prints data in bar, line or pie charts. Each chart can contain one to four graphs. Requires monochrome or color graphics.

Tandy 1000/1200. 25-1143 .... 140.00

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*.

Tandy 1000/1200. 25-1144 .... 140.00

Database Management

Cornerstone

A full-featured relational database system designed specifically for non-programmers. Simply select menu options or complete forms to build complex databases, enter data and produce reports. The flexibility lets you change virtually any aspect of your database at any time. Add, delete or change files, fields, indexes, relationships or reports in seconds. Fields are variable-length, so you never need to determine field lengths in advance. Requires 256K and two disk drives.

Tandy 1000/1200/2000/3000. 26-5354 .... 99.95

dBASE II

Powerful relational database management for easy manipulation of data using English-like commands. You can 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 database file and 1000 characters per record. Requires 256K.

Tandy 1000/1200/2000/3000. 26-5352 .... 495.00

dBASE III Plus

An ideal data management system for people who don't want to program, or a programming tool for those who prefer to create their own system. With our built-in Assistant, you'll be provided with new easy-to-use pull-down menus for creating, using and modifying databases. Our new Screen Painter lets you create custom screens as your business dictates. The Advanced Query System lets you build complex query requests just by selecting from pull-down menus. Finally, there's a new Applications Generator that creates entire applications programs without programming! A new Data Catalog and more than 50 new commands and functions help streamline applications development. Requires 384K, 2 floppy drives or one floppy and one hard drive. LAN mode requires 384K and 3.1 DOS.

Tandy 1200/3000. 25-3191 .... 695.00

OFFIX

Create "file folders" that can be stored and retrieved from "file cabinet drawers", create documents and forms for folders, and produce reports and form letters based on the contents of the folder. Requires 256K.

Tandy 1000/1200 HD/2000. 26-5325 .... 99.95

Spreadsheet Analysis

Microsoft Multiplan

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 1000/1200/2000/3000. 25-1163 .... 195.00

Integrated Software

DeskMate

DeskMate is an easy-to-use, multifunctional software program that uses the same commands throughout. The system uses the computer'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 files stored for every function. Choose from word processing, spreadsheet analysis, electronic filing, telecommunications, electronic mail and calendar/alarm. Telecom and Mail require modem.

Tandy 1200 HD/IBM PC Compatibles. 25-3166 .... 199.95

DeskMate II

Includes all the features of DeskMate with the addition of a task-switching feature that allows the user to alternate between DeskMate II and another program with a few keystrokes.

Tandy 1000 SX. .... Included with CPU
Tandy 1000/2000. 25-1164 (Avail. 10/15/86) 199.95
Tandy 1200/PC Compatibles.
25-3167 (Avail. 10/15/86) 199.95
Tandy 3000. ... Included with MS-DOS (25-4103, $99.95)

Personal DeskMate

An easy-to-use, graphics-oriented program with pull-down menus and "dialogue boxes" for selecting functions. Includes Text, Worksheet, Filer, Calendar, Telecom and Paint, a graphic picture editor. A Phone Directory, Calculator and Notepad may be accessed any time. TELCOM requires a modem.

Tandy 1000 EX. .... Included with CPU
Tandy 1000/1000 SX. 25-1165 (Avail. 10/15/86) 199.95

Lotus 1-2-3

An easy way to go from spreadsheet to graphics to information management—instantly! Change your spreadsheet data; then graph it in seconds. Search and sort data in your spreadsheet. "Macro" keys let you substitute a single keystroke for a long sequence. One keystroke brings you on-screen help. Features 256 columns and 2048 rows in spreadsheet and 2000 records in database. Requires 256K.

Tandy 1000/1200/3000. 25-1145 .... 495.00
Tandy 2000. 26-5300 .... 495.00

Framework II

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 in an outline form, which you can rearrange or modify at any time. Just jot down notes or ideas in one frame, then create sub-frames for databases, spreadsheets, graphics and reports which relate to these ideas. Framework also utilizes a "desktop" format to view several operations at once on the screen. A special "zoom" function lets you instantly expand any frame to fill the entire screen. Requires 384K.

Tandy 1200/3000. 25-3192 .... 695.00

1000/1200/2000/3000 SOFTWARE

Accounting

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. Any 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 much like the invoices, check registers and payroll registers you're already using. 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. Uniformity of functions throughout the program makes Quartet especially easy to learn. Comes with sample data. Requires 256K and two disk drives or hard disk.

Tandy 1000/1200/2000/3000. 25-1146 .... 399.95

Tandy 3000 XENIX Multiuser Software

Powerful, fully integrated multiuser software. See page 25 for full descriptions.

General Ledger. 25-4301 .... 599.00
Payroll. 25-4303 (Avail. 12/30/86) 699.00
Accounts Receivable. 25-4304 .... 599.00
Accounts Payable. 25-4305 .... 599.00
Order Entry. 25-4307 .... 599.00
Sales Analysis. 25-4308 .... 399.00

Personal Accounting Software

Finance Manager

Helps you gain a better understanding and control over your personal and business financial needs. Create net worth statement and budgets, determine net profit, print checks, account for taxes, monitor your income and expenses and analyze investment opportunities. Automatic check printing and checkbook reconciliation are both included. A search capability can be used to recall any recorded transaction. All income and expense activities can be entered into a budget that is automatically updated and represented graphically. All taxable transactions can be recorded and retrieved later for tax preparation. Includes a program that will turn your personal computer into a sophisticated financial calculator. Calculates net present value, future values and loan amortization schedules.

Tandy 1000/1200/3000. 25-1148 .... 99.95

Managing Your Money

Andrew Tobias' Managing Your Money is seven programs in one integrated, personal financial management package. Managing Your Money serves as a reminder pad and a complete budget and checkbook program. It helps with tax estimation and can even print out your schedule D. The program evaluates your family's present life insurance needs and suggests how you can improve your coverage. It is a financial calculator which can perform rental property analysis and financial planning. The sophisticated portfolio manager handles as many real or hypothetical stocks, bonds and options as you like, and can also manage collections such as wines, coins or paintings. And it's easy to use. Wherever you are in the program, just press the ESCape key for a HELP message. The HELP messages tell you how to work with the program and, where appropriate, also provide financial guidance.

Tandy 1000/1200/3000. 25-1159 .... 199.95

Word Processing

SCRIPSIT®

Includes 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-Miffin not only finds misspellings, but corrects them automatically. Allows merging with dBASE 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 reference and more. Extremely easy to learn and use. Requires 256K and two disk drives.

Tandy 1200/3000. 25-3171 .... 299.95
Tandy 1000/2000. 25-1155 .... 299.95
Tandy 3000 XENIX. Requires 640K.
25-4213 (Avail. 9/30/86) 499.00

Microsoft Word 3.0

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 1000/1200/3000. 25-1162 .... 450.00

Microsoft Word

Tandy 2000. Ver. 1.0. Requires graphics. 26-5314 ... 375.00

HomeWord Plus

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. Using the built-in spelling dictionary, HomeWord Plus automatically searches for misspelled or unknown words. Correct a misspelled word once and HomeWord Plus corrects it throughout the remainder of your text. HomeWord Plus includes 45,000 words, and you can add up to 5000 more.

Tandy 1000. 25-1161 .... 69.95

Graphics

Micro Illustrator

Draw beautiful pictures and designs on your computer. No programming experience needed—all commands are on the icon-driven menu. Just point to choose shapes, colors, patterns, special effects and brushes. Save your pictures on disk and create your own picture show.

Tandy 1000. 25-1120 .... 29.95

VersaCAD Entry-Level

A general-purpose design and drafting program that contains much of the power found in software five times the cost. Menu-driven operation and plain-English prompts guide you through the program as you work. Productivity features include 10 built-in primitive objects; ability to quickly group objects for collective manipulation; interactive editing (the object being worked on blinks on the screen and visually changes); total flexibility of object attributes (color, linestyle, etc.) on any drawing level (attributes may be changed at any time with a function key); unlimited zoom; auto-dimensioning; inquiry about object locations, area, perimeter totals, etc.; drawing aids, such as center marker and template lines; snap at any time to user-defined spacing increments; output to pen plotter or graphics printer with user-defined plot specifications; and automatic drawing recovery from error or power failure. Includes written tutorial and introductory audio tape. Requires 256K, two disk drives, graphics monitor and Tandy GT-2000 digitizer.

Tandy 1000/1200/2000. 26-5282 .... 399.95

TANDY 1000/1200/2000 SOFTWARE

MS-DOS Languages and Communication

Macro Assembler
Assembles symbolic instructions into machine code. Supports an expanded set of conditional directives. 26-5252 ... 99.95

Lattice "C"
Lattice C compiler is a fast, two-phase compiler.
26-5254 .... 499.00

FORTRAN Compiler
From Microsoft. A subset of FORTRAN-77 for scientific and engineering applications. 26-5255 .... 349.95

PASCAL Compiler
From Microsoft. Compatible with the ISO proposed standard. Generates machine code. 26-5256 .... 299.95

COBOL Compiler
Includes an editor, interactive debugger, CRT control and a single-pass compiler. 26-5257 .... 595.00

OmniTerm 2
Communicate with a mainframe or Tandy XENIX host as a VT100 terminal, access information services, communicate with other micros or auto-answer and file transfer in the unattended mode. 25-1160 .... 129.95

Softerm 2000
A communications and terminal-emulation program to access bulletin boards, information services and mainframes. Emulates over 20 character and block-mode terminals. Requires 256K. 26-5261 .... 149.00

T-1000 Protocol Converter
Lets your computer or terminal access IBM host computers using BSC, SNA/SDLC or Channel Attachment Operations. Emulates an IBM 3278-2 via direct type A coax connection. Requires terminal emulation software, such as Softerm 2000 (26-5261). UL listed. 26-1169 .... 995.00

Tandy 2000 Communications

BIS 3780
Allows a Tandy 2000 to communicate with an IBM bisynchronous protocol host with any IBM S/360, S/370, 30XX and 43XX host or non-IBM hosts using standard IBM SNA/SDLC or IBM bisynchronous protocol. Your computer functions as a remote terminal on a Remote Job Entry (RJE) terminal. MS-Assembler (26-5252) may be required if mode reconfiguration is needed. 26-5258 .... 695.00

BIS 3270
Allows a Tandy 2000 to communicate with a mainframe 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. Emulate an IBM 3271/3274/3275/3276 display station and a 3284/3286 printer. 26-5259 .... 695.00

CLEO-3270 Cluster Controller
Emulate a remote IBM 3276-2 cluster controller with an 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

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

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

Tandy 2000 Hardware Reference Manual
Introduces schematics and theory of operation for troubleshooting, designing interfaces and more. 26-5404 .... 24.95

Tandy 1000 Learning Programs

Educational

New! Robot Odyssey
A science adventure for sharp teens and adults. Robotropolis is an underground city populated by robots that you must escape from. To unlock the secret exit you must design friendly robots, navigate invisible mazes, solve puzzles and sneak past sentries. 25-1135 .... 34.95

New! Rocky's Boots
Hailed as a software classic by the New York Times, the award winning Rocky's Boots helps develop skills in logical problem solving, abstract reasoning, and creative thinking. The concepts of electronic circuitry, circuit design and logic are explored in a motivating environment where players invent machines to solve puzzles and win over 30 different games, including games they design themselves. By experimenting with simulated real-world electronic parts and "electricity," players as young as 9 years old can learn basic computer logic. 25-1139 ... 34.95

New! Below The Root
Based on Zilph Snyder's recently published Green-Sky Trilogy, Below The Root combines the story-building aspects of a text adventure with hundreds of colorful graphics. It also combines fast-paced excitement with a unique text menu—a first in the field of adventure games. 25-1136 .... 29.95

Wiz Type
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

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 compatible computers.
25-1126 .... 49.95

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. 25-1127 .... 99.95

The FUNdamentals
A self-paced teaching program and manual designed to teach the new user the basics of operating computers in general, and the Tandy 1000.
Tandy 1000. 25-1124 .... 29.95
Tandy 1000 SX. 25-1166 .... 29.95
Tandy 1000 EX. 25-1167 .... 29.95

Millionaire
A remarkable simulation of the real world of stock market investing. 26-5384 .... 49.95

TANDY 1000 HOME SOFTWARE

Games

New! Star Flight
Explore strange new worlds and new civilizations. Boldly go where no man has gone before—then figure out how to communicate with the aliens you find there. A state-of-the-art role-playing adventure set in outer space. Develop and play six characters: Captain, Science Officer, Navigator, Medical Officer, Communications Officer, and Chief Engineer. Explore over 20 unique star systems, each displayed in stunning graphic detail. 25-1137 (Avail. 10/30/86) 49.95

New! Rogue
A college classic, Rogue is so full of unpredictable monsters, ever-changing magic and hidden dangers that it's never the same game twice. 25-1134 .... 29.95

New! Black Cauldron
A Walt Disney 3-D animated adventure game. You must find the Black Cauldron and defeat the forces of the wicked Horned King by destroying the cauldron's magical powers. 25-1133 (Avail. 9/30/86) 34.95

New! Winnie The Pooh
Walt Disney's Winnie The Pooh and his friends will capture your child's imagination while developing necessary skills and building knowledge. 25-1132 (Avail. 10/30/86) 34.95

Demon Attack
Waves of winged demons are invading. Armed with laser cannons and missles, you must defend your home from the interplanetary warriors. 25-1110 .... 29.95

One-on-One
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. For one or two players. 25-1111 .... 34.95

Pinball Construction Set
Comes with five built-in pinball machines, or choose from 32 game parts to build your own. 25-1112 .... 34.95

Lode Runner
To find the stolen treasure, you, the Galactic Commando, must run, jump, drill special passages and outsmart the Bungeling guards if you're to succeed. More than 150 game screens! 25-1113 .... 29.95

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. 25-1115 .... 34.95

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. 25-1117 .... 39.95

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? Also runs on the Tandy 2000, Tandy 1200 HD, the IBM PC and PC compatibles. 25-1121 ..... 39.95

Touchdown Football
This is grid-iron action at its toughest and most exciting. Challenge the computer opponent with your own run, pass, punt and kick strategies. Program your offense and defense as you like. 25-1123 .... 29.95

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.
26-5379 .... 49.95

New! F-15 Strike Eagle
A challenging and exciting air combat from the modern electronic cockpit! You'll fly combat missions, engage enemy aircraft, and destroy enemy ground targets in the skies of Southeast Asia, Europe, and the Middle East. 25-1125 .... 34.95

New! Ghostbusters
Based on the hit movie. Program features the bouncy theme song from the hit movie, voice synthesis and the ever-present danger of The Marshmallow Man. 25-1138 .... 34.95

Infocom Sampler
The Sampler is the perfect way to introduce yourself to the addictive pleasures of Infocom. It contains portions of four different types of stories: Zork I, The Witness, Planetfall and Infidel. 25-1129 .... 7.95

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. 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

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. 25-1118 .... 34.95

Spinnaker Software

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

POPULAR TANDY 2000 SOFTWARE

Word Processing

MultiMate

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. Includes a spelling verifier/corrector from Houghton-Mifflin containing over 77,000 words. 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.
Tandy 2000. 26-5330 . . . . 249.95

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 2000. 26-5309 . . . . 140.00

Database Management

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.
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 2000. 26-5306 . . . . 125.00

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 16 files can be open at once (including index files).
Tandy 2000. 26-5353 . . . . 695.00

Integrated Software

Framework

This program doesn't just process numbers—it processes ideas. Combines word processing, spreadsheet analysis, data management, graphics and telecommunications. 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 subframes which contain databases, 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.
Tandy 2000. 26-5320 . . . . 695.00

Symphony

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. On-screen "Help" and tutorial guide. Requires 512K and graphics.
Tandy 2000. 26-5304 . . . . 695.00

SuperCalc 3

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. SuperCalc 3's powerful data base management module is based on the spreadsheet model. Requires graphics.
Tandy 2000. 26-5302 . . . . 395.00

Advanced Graphics

Lumena

An amazingly versatile tool for artists, designers and illustrators to produce complex images with ease. Free-hand drawing with our GT-2000 Graphics Tablet is as easy as using a pencil on paper. Just touch the correct portion of the digitizer to select colors, shapes, letters, fonts, or to draw free-hand. Your images can be duplicated, moved, changed in size, rotated and more at the touch of the pen. And what colors! Lumena combines the two intensities of Tandy 2000's eight basic colors into 28 additional "dithers", or blends. Lumena also provides cycling and animation functions for really impressive graphics. Requires 256K (384K for cycling and animation) and GT-2000 or Digi-Mouse.
Tandy 2000. 26-5281 . . . . 299.95

DR Draw

This interactive picture editor produces presentation-quality charts and diagrams. 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.
Tandy 2000. 25-5279 . . . . 295.00

Graphwriter

Create sophisticated presentation-quality graphics that look the way you want them to. Graphwriter combination set includes 23 different chart types. Multiple line headings, footnotes and comments are easy to insert. By using a "fill-in-the-blank" input form, charts can even be prepared by the support staff. Plot options include vertical, horizontal, half page and custom sized.
Tandy 2000. 26-5276 . . . . 595.00

DR Graph

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 2000. 26-5278 . . . . 195.00

ACCOUNTING AND DESKMATE

MAI Basic Four® Interactive Accounting

MAI BASIC Four software modules are fully integrated, so that data is entered only once. The system can be tailored to meet your needs simply by answering specific parameter questions at the keyboard.

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.

Tandy 2000. 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.

Tandy 2000. 26-5213 . . . . 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.

Tandy 2000. 26-5212 . . . . 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.

Tandy 2000. 26-5214 . . . . 495.00

Add-On Modules

Additional interactive MAI Basic Four software packages are available through our exclusive Express Order Software service. Orders are transmitted electronically for fastest service.

The Home Accountant Plus

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. You can display a bar graph and trend analysis for any selected budget category.

Tandy 2000. 26-5340 . . . . 124.95

DeskMate

The system utilizes the Tandy 2000'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.

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 2000's built-in speaker.

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

DeskMate software comes with a thorough, easy-to-understand tutorial manual, a reference manual and quick-reference card. Telecom and Mail require modem.

Tandy 2000. 26-5316 . . . . 199.95

Important Software Notice

Find the Powerful Applications You Need with Tandy's Express Order Software Service

Your local Radio Shack Computer Center has the most complete selection of software available.

Our exclusive Express Order Software service brings you the hottest-selling packages—each one performance-proven and professionally supported by the software manufacturer. Your order is transmitted electronically and shipped the next business day for the fastest service.

Come in today to your local Radio Shack Computer Center or participating Radio Shack store or dealer and pick up your free copy of the new Radio Shack Software Reference Guide. In it, you'll find hundreds of popular programs. Choose from powerful accounting, word processing, spreadsheet analysis, database management, integrated software and multiuser packages. You'll also find the best in personal and educational software, plus exciting games. Radio Shack Computer Centers are your one-stop software headquarters. Come in today!

NEW LOW PRICE! TANDY 6000 HD

512K with 15-Meg. Hard Disk

NEW LOW PRICE!

3499⁰⁰

Was $5499.00 in
Cat. RSC 16

Commercial Lease Available For Only $125 Per Month
(Plus Applicable Use/Sales Tax)

- Features 512,000 Characters of Internal Memory— Expandable to 1 Megabyte
- Includes XENIX Multiuser Operating System to Support Up to 2 Terminals—Expandable to 6 Users
- One Floppy Drive and 15-Megabyte Hard Disk Built In
- Unique Dual-Processor Design (8-Bit and 16-Bit)
- Four Internal Slots for Easy User Expansion
- Multiuser Software Available for Accounting, Word Processing, Spreadsheet Analysis and Database Management

Multiuser Tandy 6000. For many companies, it's hard to justify the cost of a separate computer for each individual who could benefit by using one. That's why we designed 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 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 XENIX multiuser operating system that lets you turn the Tandy 6000 into a three to six-workstation office system for accounting, spreadsheets, word processing, database needs and more.

Advanced 16/32-Bit Technology. The Tandy 6000 is designed around the Motorola 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 the software designed for the Model 12 business computer (in the single-user mode only), plus multiuser software and other programs that are designed to take advantage of the Tandy 6000's advanced 16/32-bit technology.

Expandable. Two RS-232C serial communication interfaces and a parallel printer interface allow expansion with a variety of peripherals. Add additional memory and other options via the user-accessible card cage.

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.

512K Tandy 6000·With Built-In Hard Disk. Includes a 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 up to 85 megabytes of hard disk storage!
26-6022 .... 3499.00

SPECIFICATIONS. Microprocessors: 8 MHz MC68000 16/32-bit CPU and 4MHz Z-80A 8-bit CPU. Direct memory access and vectored interrupts. Memory management includes protected system mode and user spaces **Memory:** 512K RAM bytes, expandable to 1 million bytes. 2K video memory. **Keyboard:** 82-key professional-type, including Numeric Entry Keypad. Special keys include HOLD, ESCape, BREAK, CTRL, CAPS and REPEAT, plus Up, Down, Right and Left arrow keys and eight programmable Special Function Keys (F1 thru F8). **Video Display:** High-resolution 12" green display monitor with 80 or 40 characters per line by 24 lines. Displays upper and lower case characters with descenders, plus 32 "business graphics" characters. Automatic scrolling. Partial screen scroll protect available. **Disk Drive:** One floppy and one 15-megabyte hard disk. **External Expansion:** One secondary hard disk for up to 85 megabytes of storage. **Internal Expansion:** User-accessible Card Cage provides additional plug-in card slots. **External Connections:** One standard parallel port and two RS-232C serial ports. **Dimensions:** 13¹/₂ x 21¹/₂ x 28¹/₈" **Power Requirements:** Built-in filtered power supply for 120VAC, 60 Hz. U.L. listed.

22   Xenix/TM Microsoft Corp. Motorola/TM Motorola. Z-80/TM Zilog Corp. Unix/TM AT&T. DEC/TM Digital Equipment Corp.

DELUXE DATA DISPLAY TERMINAL

795⁰⁰

- 14″ High-Resolution Screen
- 80 or 132 Columns by 26 Lines
- Sculptured Keyboard

DT-100. Fully compatible with most DEC and UNIX-based software systems. Features green display screen, a high-resolution character set (128 ASCII), 16 programmable keys, cursor control keys and numeric pad. Terminal configuration is set from the keyboard. U.L. listed. 26-6052 . . . . 795.00

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

DT-100 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.

10-Megabyte Disk Cartridge System

Removable disk cartridge makes it easy to backup and store data. Get the flexibility of floppy disk storage combined with the high storage capacity and rapid access time of hard disks. Includes one 10-megabyte disk cartridge. U.L. listed.
26-1245 . . . . 2195.00

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

Hard Disk Systems

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.

New Low Price! Primary Drive. Requires cable kit and installation (not included). Was $4295.00 in RSC-16.
26-4173 . . . . 3999.00

New Low Price! Secondary Drive. Requires installation (not included). Was $3895.00 in RSC-16.
26-4174 . . . . 3299.00

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

Model III Cable Kit. Includes Model III LDOS. For use with 10-megabyte drive only. 26-1133 . . . . 99.95

Model 4 Cable Kit. Includes TRSDOS 6.2. For use with 26-4155 and 26-1138 only. 26-1134 . . . . 79.95

Model 4 Hard Disk Controller. Requires 26-1134 Kit (above).
26-1138 . . . . 449.95

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

Hard Disk Fan Air Filters. 26-1363 . . . . Pack of 3/99¢

Other Expansion Options

New Low Price! 256K Parity Memory Kit. For Tandy 1000/1200/3000/6000. Tandy 6000 requires two kits to upgrade. Was $219.95 in RSC-16. 25-3062 . . . . 129.95

New Low Price! 512K RAM Board. Card contains 512K RAM with sockets for adding another 512K. 1 megabyte total! Was $1095.00 in RSC-16.
26-6015 . . . . 979.00

Model 12 to Tandy 6000 Upgrade. Includes 68000 processor board and 512K RAM board. 26-6014 . . . . 1595.00

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

Model 12 Card Cage. Provides six plug-in slots for optional expansion boards. Requires installation, not included.
26-6017 . . . . 199.00

High-Resolution Graphics Upgrade. For Model 12/II. Create sophisticated on-screen charts, graphs, geometric patterns, even animation. 153,600 pixels (640×240).
26-4104 . . . . 499.00**

MODEL 12/16/6000 LANGUAGES

Model 12 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. 26-4701 . . . . 299.00

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. 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. 26-4713 . . . . 49.95

Assembly Language Development
Five-module package includes Editor, Assembler, Linker, Debugger and File Transfer. 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. 26-4703 . . . . 299.00

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

COBOL Generator
Define a complete software package and generate a COBOL source program automatically. Requires two disk drives and COBOL Development System (26-4703). 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.) 26-4705 . . . . 199.00

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

BASCOM BASIC Compiler
Designed to complement the Model 12 Microsoft BASIC Interpreter. Allows you to create programs that execute faster and require less memory than the same interpreted programs, in addition to providing source code security. BASRUN allows you to develop a system of related programs that can all be run using the same runtime environment. 26-4725 . . . . . 199.00

Tandy 6000 XENIX Languages

XENIX 3.0 Development System
Includes the powerful C language and many standard UNIX utilities for developing multiuser software. 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. 26-6402 . . . . 750.00

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. 26-6455 . . . . 699.00

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

FORTRAN 77
Write and execute main-frame-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).
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). 26-6452 . . . . 699.00

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 multiuser support. 26-6457 . . . . 299.00

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

XENIX 3.0 to 3.1 Upgrade
700-3035 . . . . 99.95

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. 349.00
26-6458

Mainframe Protocol Packages
Allows your Model 12 to communicate over point-to-point or multi-point telephone lines (via a synchronous modem or modem eliminator).

BIS-3270
Communicate via 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
Communicate via 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

Micro-SNA/3270
Communicate via 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

*NOTE: Run-Time Diskettes are available separately for those who intend to sell software developed on our compilers. You don't need to purchase a separate Run-Time Diskette for your own use.

SINGLE/MULTIUSER ACCOUNTING

Multiuser Software

Increase office productivity with our multiuser Tandy 6000/Tandy 3000 programs. They allow several people to perform different tasks simultaneously. The Model 12 software offers the same features, but is single user software.

General Ledger
Interacts with Payroll, Accounts Payable and Accounts Receivable. Reports include Income Statement, Balance Sheet and GL Worksheet.

Model 12. 26-4601 .... 399.00
Tandy 6000/Model 16. 26-6201 .... 599.00
Tandy 3000. 25-4301 .... 599.00

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
Tandy 3000. 25-4304 .... 599.00

Accounts Payable
An accrual system that will interface with General Ledger.

Model 12. 26-4605 .... 399.00
Tandy 6000/Model 16. 26-6205 .... 599.00
Tandy 3000. 25-4305 .... 599.00

Payroll
Calculates and prints checks and provides distribution to General Ledger accounts.

Model 12. 26-4603 .... 499.00
Tandy 6000/Model 16. 26-6203 .... 699.00
Tandy 3000. 25-4303 (Avail. 9/30/86) 699.00

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. 26-6207 .... 599.00
Tandy 3000. 25-4307 .... 599.00

Sales Analysis
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. 26-6208 .... 399.00
Tandy 3000. 25-4308 .... 399.00

Query 16
Retrieve desired information from COBOL data files. Use Query with General Ledger (26-6201), Payroll (26-6203), Accounts Receivable (26-6204), Accounts Payable (26-6205), Order Entry/ICS (26-6207) and Sales Analysis (26-6208). Also interfaces with Multiplan (26-6480) and SCRIPSIT (26-6431) Requires hard disk.

Tandy 6000/Model 16. 26-6212 .... 249.00

Single-User Software

These deluxe programs can 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.

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

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

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

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

Manufacturing Inventory System
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
Aids small construction companies in the preparation of job estimates. Track the progress and cost of each job.

Model 12. 26-4513 .... 149.00
Tandy 6000/Model 16. 26-6209 .... 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

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

Model 12 Software for Law Offices

The Precedent™ Legal Accounting System
An office management program designed specifically for attorneys. It allows total integration of Time and Billing, General Ledger, and Cash Disbursements.
26-4620 .... 795.00

Docket Control
Avoid missed deadlines and appointments. May be used alone or with The Precedent (above).
26-4622 .... 249.00

Time Accounting
A "must" for any business that requires a detailed time analysis. 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.
26-4545 .... 299.00

Model 12 Software for Medical Offices

Medical Office System
Accommodates a large individual practice or a medical clinic with up to ten physicians. A powerful forms generator can produce any type of invoice or insurance form. Requires two disk drives.
26-4508 .... 750.00

Tandy 6000/3000/16 Software is Multiuser and Requires Hard Disk. Model 12 Software is Single-User and Can Be Run on a Floppy or Hard Disk. Normally, Model 12 Multi-Drive Software Running on a Model II Requires One More Drive than a Model 12. COBOL Query/TM DCM Data Products. The Precedent/TM Tandy Corp. WESTLAW/TM West Publishing Co.

Word Processing

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. A Global Search feature will locate a specified word wherever it occurs in text for selective editing. Other features include ASCII convert, programmable user keys, background printing and embedded print codes. Includes manual and self-paced training course on audio cassettes.
Model 12 Thin-Line Floppy, 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. You can add up to 2000 more. Requires SCRIPSIT and one additional disk drive.
Model 12 Thin-Line Floppy, Hard Disk. 26-4834 . . . 199.00
Model II. 26-4534 . . . . 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. Communications utility lets you transmit and receive documents (requires modem). 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

SCRIPSIT 16
Allows several people to prepare correction-free letters, memos, forms and reports at the same time using a Tandy 6000 multiuser system. Multiuser 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. SCRIPSIT supports a full complement of printing features, including proportional spacing and mixed font styles within documents. Includes manual and self-paced training course on audio cassettes.
26-6431 . . . . 499.00

SCRIPSIT Speller
A spelling system based upon *The American Heritage Dictionary* published by Houghton Mifflin Company. Contains over 74,000 words. Requires SCRIPSIT 16 word processing software. 26-6434 . . . . 249.00

Database Management

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. 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. Requires Profile II.
26-4516 . . . . 69.00

Profile Plus
An expanded version of Profile II. Built-in math functions, "associated" fields, an indexing system and selectable record lengths. 26-4515 . . . . 299.00

Profile Plus 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 up to five different data bases. Requires Profile Plus. 26-4559 . . . . 199.00

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

Profile 16
Allows several operators to access, update and use the same file at the same time. Design your Tandy 6000 Profile system to match your present manual methods—no need to learn new procedures. All screen prompts and menus are in plain English. And you can change or expand your system at any time without having to re-enter data. 26-6412 . . . . 499.00

UNIFY 3.2
A fully relational database manager designed to run and develop sophisticated business applications which handle large amounts of data. Included features are single-step database creation, interactive data entry and manipulation, a visual screen design utility (PAINT), interactive report generation (RPT), detailed menu handling, a multi-level security system, default field value assignments, domain checking during data entry, transaction logging, multi-key indexing, international date formats, and error logging. A tutorial and an on-line HELP facility are also included. Requires 512K and hard disk drive.
26-6416 . . . . 999.00

Spreadsheet Analysis

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

Multiplan
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 gives you instant help. Up to eight display windows can be created on the screen simultaneously. Multiplan can directly utilize your current VisiCalc files, too. Includes tutorial manual. 26-4580 . . . . 249.00

Multiplan Multiuser
A truly sophisticated, yet incredibly easy-to-use decision support tool that allows several people to do spreadsheet analysis at once. 26-6480 . . . . 349.00

Integrated

DeskMate
DeskMate, a dual-purpose program, not only provides five popular applications: Text, Worksheet, Filer, Calendar/Alarm and Mail, but also provides a user friendly approach to XENIX. DeskMate has the ability to add existing applications such as SCRIPSIT 16, Profile 16 and Multiplan to an application window. These applications can be executed from this window. DeskMate is one of the easiest ways to become familiar with different computer applications, as well as XENIX.
26-6405 . . . . 299.00

MODEL 4D WITH DESKMATE®

1199⁰⁰   Low As $55 Per Month★

- Includes DeskMate 6-in-1 Software for Word Processing, Electronic Filing, Spreadsheet Analysis, Telecommunications, Calendar/Alarm and Electronic Mail
- Two Built-In Double-Sided Drives for 736K of Disk Storage
- 64K Internal Memory—Expandable to 128,000 Characters
- Large Selection of Ready-to-Run Programs Available
- Expands Easily as Skills or Needs Grow

Model 4D with DeskMate. The perfect desktop computer for busy managers, professionals, educators and home users. The Model 4D is a stylish, self-contained desktop unit with a 12" built-in 80 × 24 display. A parallel printer interface is included, as well as an RS-232C serial interface. 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). U.L. listed.
26-1070 . . . . 1199.00

TRSDOS 6.2 Utility.
26-0315 . . . . .39.95

TRSDOS 6.2. 26-0316 . . . . .39.95

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. Buffered input/output bus. **Dimensions:** 12½ × 18⅞ × 21½" **Power:** 120VAC, 60Hz

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

Model 4 Internal Disk Drive 0. Includes a 184K, 5¼" double-density disk drive with TRSDOS 6 operating system, Disk BASIC and manual. 26-1127 . . . . .399.95*

Model III Internal Disk Drive 0. Includes TRSDOS, Disk BASIC and manual. 26-1162 . . . . .399.95*

Model III/4 Internal Disk Drive 1. 26-1163 . . . . . .149.95*

New Low Price! External Disk Drive. Adds 184K of data storage to your Model III or 4. Internal Drive #0 required. U.L. listed. Was $319.95 in Cat. RSC-16. 26-1164 . . . . . . 199.95

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 $69.95 in Cat. RSC-16. 26-1122 . . . . .59.95*

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. 26-1123 . . . . .399.95*

Model III/I 16K RAM Expansion Kit. 26-1102 . . . . . 29.95*

Model III BASIC and 16K RAM Kit. Upgrades 4K Level I to Model III BASIC. For Model III only. 26-1121 . . . . 129.95*

Model 4 High-Resolution Graphics. 640 × 240 resolution. Requires a minimum 64K 1-Disk Model 4. Installation required (not included). 26-1126 .219.95

Model III High-Resolution Graphics. Requires 48K 1-Disk Model III. 26-1125 . . . . .99.95

Model III/4 RS-232C Serial Communications Board and Cable. Requires modem and software. Installation required (not included). 26-1148 . . . . .79.00

Model III/4 Hard Disk Kits. Allows you to add our 15 or 10-Megabyte Hard Disk. 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

Model 4 Hard Disk Controller. 26-1138 . . . . .449.95

Model I DOS. 26-310 . . . . .14.95

Model III DOS. 26-312 .14.95

MODEL 4/III BUSINESS SOFTWARE

Accounting

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.
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). 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. 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

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. Requires 3 floppy drives. Model 4P requires hard disk.
26-1545 . . . . 199.95

New! Remote Inventory Control
4 (E) Scan bar codes representing inventory item numbers using a bar code wand and a Model 100 or 200 portable computer. Record physical count, sales, shipping and receiving, then transfer this data to Inventory Control (above) on the Model 4. 26-1535 . . . . 49.95

COBOL Query
4 (F) 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

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.

Industry Specific

Apartment Management System
4 An efficient and easy-to-use system designed to provide property owners and managers with rapid and accurate monitoring of apartment complexes. Provides a printout of all transactions. Maintains a history of repair orders. 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

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

Agricultural

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. Requires modem. 26-2227 . . . . 399.00

Time-Saving AgDisk VisiCalc Template
AgDisk makes the popular VisiCalc "electronic worksheet" program easy to use for agricultural applications. The template below automatically loads your headings and formulas.

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

AgDisk software packages require an 80-column printer.

─Minimum Hardware Requirements─

III = Model III	4 = Model 4 Only
I/III = Model I or III	III/4 = Model III or 4

(A) 32K 1-Disk	(D) 48K 2-Disk	(G) 128K 2-Disk
(B) 32K 2-Disk	(E) 64K 1-Disk	(H) 16K Level II or
(C) 48K 1-Disk	(F) 64K 2-Disk	Model III BASIC

Model III Software Packages on This Page Will Run on a Model 4 in the Model III Mode. Agridata/TM Agridata Resources. AgDisk and Feedlot Cattle Management/TM AgDisk.

DISK SOFTWARE FOR MODEL 4/III/I

Productivity

DeskMate for the Model 4/4P

4 (F) DeskMate puts your Model 4D to work right from day one. 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.** Control-key editing features make it easy to compose and edit text right on the screen. **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. **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 your diskette. You can also send files to other computers. TELECOM will even dial the phone number of anyone listed in the FILER program—at the touch of a key. **CALENDAR.** Set up an agenda for a month, as well as your daily appointment calendar. **MAIL.** This special program lets you send and receive messages to and from other DeskMate users over the phone. (Note: Telecom and Mail require modem.) 26-1608 . . . . 199.95

Spreadsheet Analysis

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 updates every related number! You can view countless "what if . . . ?" situations in seconds. 26-1520 . . . . 99.95

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. Multiplan can also directly utilize your current VisiCalc files. Includes tutorial manual. 26-1530 . . . . 199.00

Target PlannerCalc

4 (E) 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

Word Processing

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, reformatting, hyphenation, centering, automatic headers and footers, justification, margin and tab settings, automatic page numbering and more. 26-1596 . . . . 99.95

SCRIPSIT

I/III (A) 26-1563 . . . . 99.95

SuperSCRIPSIT®

4 (E) All the features of Model 4 SCRIPSIT 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 subscripts, 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

SCRIPSIT PRO

4 (G) Our most powerful word processing program. 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 . . . . 249.95

Tape SCRIPSIT®

I/III (H) 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 (requires recorder). 26-1505 . . . . 39.95

SCRIPSIT Spelling Dictionary

4 (E) Automatically checks text prepared with SuperSCRIPSIT for misspellings. Contains 73,000 words. Add your own user list, too. 26-1600 . . . . 99.95

I/III (D) For text material prepared with SCRIPSIT, SuperSCRIPSIT or ASCII files. (Requires 3-disk system on Model I with SuperSCRIPSIT.) 26-1591 . . . . 99.95

Database Management

Profile® 4 Plus

4 (F) Create your own personalized electronic filing 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 III Plus

III (D) Store almost any type of information, then retrieve it at the touch of a key. User-designed file layout, input screens and reports. Supports multiple screen designs for different views of the data. Stores up to 700 records of 255 characters in length on a 2-disk system, 2100 records with 4 disks. Allows up to 99 fields per record. Comes with easy-to-understand tutorial manual. 26-1592 . . . . 199.00

Hard Disk Profile III Plus

III (C) Includes all the features of Profile III Plus and allows much larger files (up to 65,535 records). Faster searches due to increased access speed of hard disk. 26-1593 . . . . . . 299.00

MODEL 4/III/I SOFTWARE

Financial

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

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 program in the series comes with an 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

Graphics

Business Graphics Analysis
III ⒟ 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

Communications

Micro/Courier®
III ⒟ 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

Programming Languages

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 an editor/assembler, sample programs and extensive 255-page manual—including detailed descriptions of the Z-80 mnemonics. 26-2013 . . . . 34.95

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

FORTRAN
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

COBOL
4 ⒡ Based on the ANSI '74 standard. 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. 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

XENIX Console Emulator
Lets you use a Model 4 computer as an ADDS-25 terminal to a XENIX computer system. Requires RS-232 port. 26-1599 . . . . 99.95

Cassette Software

DOTPLOT-80
⒢ Create beautiful graphics with easy-to-use BASIC commands. Requires graphics-mode printer. 26-2023 . . . . . 19.95

Tiny Pascal
⒢ Great introduction to this structured programming language (fixed-point, non-array version). Includes sample programs to get you started. 26-2020 . . . . 19.95

Basic Instruction
A primary aid in learning BASIC. Write simple programs within minutes. 26-2015 . . . . 24.95

Disk Games

13 Ghosts
⒞ Armed only with your "Ghosts Blaster", you're out to despook 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. 26-1927 . . . . 19.95

Zaxxon
Enter the floating fortress, destroy enemy defenses, and finally defeat the mighty robot, Zaxxon. Add an optional amplifier for great sound effects. 26-1956 . . . . 29.95

Minimum Hardware Requirements

III = Model III	Cassette software requires a
I/III = Model I or III	Model 4/III/I computer
4 = Model 4 Only	and a cassette recorder.

⒜ 32K 1-Disk	⒟ 48K 2-Disk	⒢ 16K Level II
⒝ 32K 2-Disk	⒠ 64K 1-Disk	or Model III
⒞ 48K 1-Disk	⒡ 64K 2-Disk	BASIC

COMMITMENT TO EDUCATION

When it's time to select computer hardware and software, educators can look with confidence to the Radio Shack Education Division. Since 1979, the Education Division has devoted its full-time efforts to supporting Tandy computers and the teachers who use them. Education Division staff in Fort Worth, Texas, develop and market high-quality software programs, provide customer support, and coordinate the activities of 20 Regional Educational Coordinators and more than 100 Radio Shack Education Specialists nationwide who work to make sure that schools get the computer capabilities they need at the best possible price. More than 175 professionals in the Radio Shack Education Division are working to provide schools with the best in computer hardware, educational software, service, and support.

Education Software Packages for Varied Needs

From kindergarten to college, from alphabets to zoology, educational software programs for almost any area of teaching are available for Radio Shack computers. The software packages described on the next three pages are only a few of the more than 125 titles published by the Radio Shack Education Division. And Radio Shack's Express Order system gives you direct access to more than 500 educational titles from a variety of

noted curriculum publishers—all available through your nearby Radio Shack store. For detailed descriptions of all of these programs, stop by your local Radio Shack for a free copy of the 1986 Educational Software Reference Guide (Catalog RSC-18E—see page 3). In addition, our Tandy Educational Software Sourcebook lists over 3000 software packages available for Radio Shack computers.

Tandy Teacher Support System

Teachers can count on Radio Shack for classroom support materials that help make teaching about computers easy! Our structured courses help teachers teach and help students learn.

These computer-skills courses cover the topics most widely taught in the schools: the BASIC, Pascal, and LOGO computer languages; the computer disk operating system; and applications such as word processing, database management, and spreadsheet analysis.

Each course includes overhead transparencies that provide the framework for a structured presentation of the material. A detailed teaching guide gives notes keyed to each transparency. Student workbooks come with the package to provide a detailed note-taking guide plus quizzes and hands-on computer activities. Twenty-five student workbooks are included; additional copies are available separately.

As the teacher presents each transparency, he or she works with the students to fill in missing pieces of information on the overhead. At the same time, students add the missing information to their workbooks. Hands-on computer demonstration is
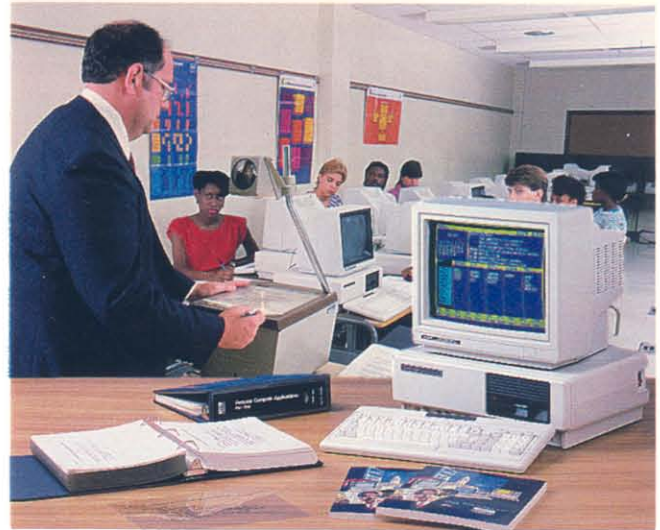
an important part of each lesson, and the activity at the end of each lesson allows students to crystallize their understanding of the material.

Our Personal Computer Applications courses for the Tandy 1000 are the latest additions to this series. They help meet the current need for quality instructional materials to teach computer applications.

Personal Computer Applications Part One introduces general computer use, word processing, and database management. A second volume, Personal Computer Applications Part Two, covers spreadsheet applications, scheduling, telecommunications, and introductory programming. Both courses are based on Tandy's DeskMate: an integrated, six-function software program provided free with each Tandy 1000 system.

Some of the products available in this series are:

Personal Computer Applications, Part One. For the Tandy 1000. 26-2590 . . . . 500.00
Additional Student Workbook. 26-2591 . . . . 4.95
Personal Computer Applications, Part Two. For the Tandy 1000. 26-2592 . . . . 500.00
Additional Student Workbook. 26-2593 . . . . 5.95
Part One: Introduction to BASIC. I/III ⒢
26-2150 . . . . 220.00
Part One Additional Student Workbook. 26-2151 . . . . . 3.50
Introduction to Color BASIC. CC 26-2680 . . . . 350.00
Additional Student Workbook. 26-2681 . . . . 5.95
Part Two: BASIC Programming. I/III ⒢ 26-2152 . . . 260.00
Part Two Additional Student Workbook. 26-2153 . . . . . 4.50
Part Three: Advanced BASIC. I/III ⒢ 26-2154 . . . . 260.00
Part Three Additional Student Workbook. 26-2155 . . . . 4.50
Part Four: TRSDOS. I/III ⒜ 26-2156 . . . . 299.00
Part Four Additional Student Workbook. 26-2157 . . . . 4.50
Introduction to Pascal. I/III ⒞* 26-2674 . . . . 350.00
Additional Student Workbook. 26-2675 . . . . 7.95
Courseware Development with AUTHOR I. I/III ⒞
26-2697 . . . . 350.00
Additional Student Workbook. 26-2698 . . . . 4.95

MATH, LOGO, EARLY LEARNING

Basic Skills Math

With the right software program, the computer can be a patient tutor that provides hours of non-threatening, individualized practice in basic skills. Children can receive an unlimited number of practice exercises at skill level, and the computer can give appropriate feedback messages for each response.

Radio Shack's basic skills math programs take advantage of this computer capability. Each program randomly generates exercises at any of a wide range of skill levels. The K-8 Math and Color Math programs cover arithmetic topics at grades K through 8, while Essential Math programs cover junior high and high school math topics. Standard features include automatic placement and automatic promotion/demotion options. K-8 Math with Student Management combines the K-8 Math program with automatic, disk-based student record-keeping. The K-8 Math Worksheet Generator generates worksheets and answer sheets keyed to grade K through 8 math skills.

Programs in this math series are:

K-8 Math Program, Volume One.
I/III *† (A/G) 26-1715 . . . . 199.00

K-8 Math with Student Management, Volume One.
I/III * (A) 26-1725 . . . . 199.00

K-8 Math Worksheet Generator.
I/III (A) 26-2162 . . . . 99.95

Color Math. CC † (A/G) 26-3202 . . . . 39.95

Essential Math, Volume One.
I/III *† (A/G) Addition, subtraction, multiplication, division, number concepts. 26-1716 . . . . 199.00

Color Essential Math, Volume One.
CC *† (A/I) 26-2643 . . . . 120.00

Essential Math, Volume Two.
I/III *† (A/G) Fractions, decimals and percent, and pre-algebra concepts. 26-1719 . . . . 199.00

Programming With Super LOGO

Children and adults can create colorful graphics programs with Radio Shack's powerful Super LOGO programming language. Super LOGO is based on the Logo language developed at Massachusetts Institute of Technology. With Super LOGO, students can develop their problem-solving skills, learn programming concepts, and have fun. Using Super LOGO is easy for children, yet also fun for adults. With Super LOGO, children apply math and logic concepts to make a cursor character called the "turtle" draw pictures on the screen. The program features advanced editing, simple list-processing capabilities, decimal arithmetic, multiple turtles running simultaneously, and animation.

Super LOGO Disk Version. CC (A) 26-2716 . . . . . 99.00

Super LOGO Program Pak. CC (G) 26-2717 . . . . . 49.95

Super LOGO Network 2. CC 26-2738 . . . . 299.00

Color LOGO Lab. Requires Super LOGO. CC
26-2770 . . . . 199.00

Color LOGO Lab Additional Student Workbook.
CC 26-2771 . . . . 2.00

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

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

Early Learning

First and second graders will enjoy learning with these creative Color Computer programs from the Children's Television Workshop software group. Play-With-Language™ consists of three word and reading activities to teach sight and vocabulary words, decoding, and comprehension skills. Hands On!™ lets students write with beginning word processing aids and create pictures in ways unique to computer art.

For younger children, the Model III/4 program Introduction to the Alphabet provides practice in letter recognition, alphabetical order, and keyboard use. Immediate feedback is given for each correct response.

Play-With-Language. CC (A) 26-2538 . . . . 99.00

Hands On! CC (A) 26-2539 . . . . 99.00

Introduction to the Alphabet.
III/4 '* (A/G) 26-1718 . . . . 39.95

Unique Electronic Book and Software

The touch-sensitive Electronic Book allows students to interact with the Color Computer without using a keyboard. Programs sold for use with the Electronic Book come with paper pages that have pictures keyed to the computer program. The teacher or learner inserts these pages into the Electronic Book and then runs the program. While the program is running, the learner presses different areas of the book's surface to make activity choices or to answer questions.

Two Electronic Book programs are the Solar Explorer program and Professor Pressnote's Music Machine. Solar Explorer for grades five through nine uses the theme of space travel to give information about our solar system's planets and Earth's moon. Professor Pressnote's Music Machine for grades four and up introduces children to the fundamentals of music. Additional programs are available.

Electronic Book.
CC Plugs into joystick port. 26-3141 . . . . 24.95

Professor Pressnote's Music Machine.
CC (A/G) 26-2573 . . . . 24.95

Solar Explorer. CC (A/G) 26-2546 . . . . 19.95

MORE CLASSROOM COURSEWARE

Courseware from MECC

Programs from MECC—the Minnesota Educational Computing Corporation—have become recognized nationally as sound educational software. These proven MECC programs are sold by Radio Shack for use on the Color Computer or Model III/4.

Graphing

CC ⬜ Five programs designed for use in a variety of mathematics classes at grade levels seven through twelve. Slope, Polygraph, and Polar are programs which graph functions and equations on a coordinate system. Snark and Radar are computer games based on graphing concepts. 26-2794 . . . 34.95

Music

CC ⬜ Provides beginning and intermediate music theory practice for all age levels. Five programs are included. 26-2795 . . . . 34.95

Pre-Reading

CC ⬜ Contains six programs for preschool through grade two: Caterpillar, Train, First Letter, Pictures, Words, and Shapes. Using game formats, these programs help children practice alphabetization and matching letters and shapes. 26-2796 . . . . 34.95

Earth Science

CC ⬜ A package of four natural science study programs for grades five through nine. Included are: Earthquake, Minerals, Solar Distance, and Ursa (a program which simulates the apparent rotation of star patterns). 26-2797 . . . . 34.95

Marketplace

CC ⬜ Includes four simulations that give students in grades three through eight experience in making marketing decisions. 26-2798 . . . . 34.95

Outdoor Biology

CC ⬜ Presents two interactive simulations to help students in grades one through nine understand ecological concepts related to the food chain. 26-2799 . . . . 34.95

Basic Arithmetic

III ⬜ Provides games and drills designed to help students in grades two through six strengthen their arithmetic skills. 26-2790 . . . . 44.95

Word Games

III/4 ⬜ Designed to add interest and motivation to language study for grades one through six. A teacher option program allows the instructor to develop custom word lists for use with the three word games. 26-2791 . . . . 44.95

Expeditions

III/4 ⬜ Presents three interactive simulations that allow students in grades five through nine to "participate" in the events of three American historical periods. 26-2792 . . . . 44.95

Puzzles and Posters

III/4 ⬜ A teacher utility program that allows teachers to produce word puzzles and banners for classroom use. 26-2793 . . . . 44.95

Business Education

Teach your students the computer accounting applications used by small businesses. Business Education: Computer Applications in a Small Business covers General Ledger, Accounts Receivable, Accounts Payable, and Payroll. Introduce your students to computers and accounting principles while helping them to prepare for the business world.

Designed to supplement the curriculum, this Business Education teaching package contains a series of structured lessons. Included are visual materials, twenty-five student workbooks,
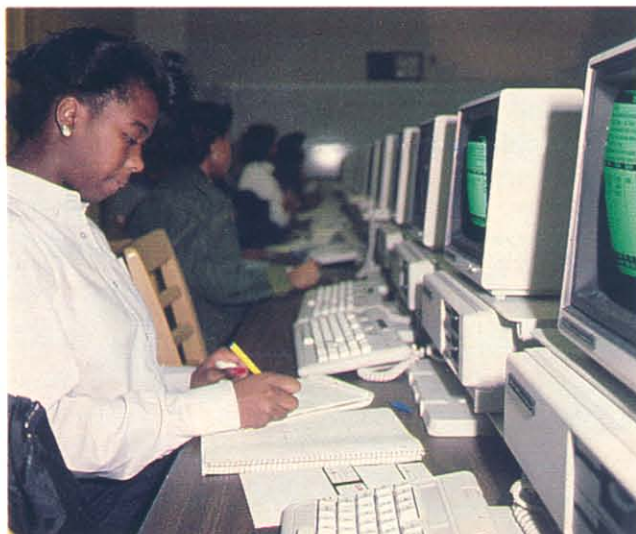
and complete software and user guides for the four applications covered. Printer required.

Business Education: Computer Applications in a Small Business

III/4 ⬜ 26-2654 . . . . 599.00

Business Education Additional Student Manuals

III/4 ⬜ 26-2655 . . . . 11.95

Computer Reference Books

Reference books from Tandy can help teachers make the best use of their computer resources. The Tandy Educational Software Sourcebook contains more than 3000 listings of educational software programs available from a variety of publishers. The educational booklet My TRS-80 Likes Me helps teachers introduce the BASIC language to elementary students through fun exercises. Number Patterns helps teachers introduce number series concepts in an entertaining way using computers.

Radio Shack's Proposal Writing Guide provides proposal writing assistance for teachers who are seeking grant funds for computer instruction. The TRS-80 Microcomputer Handbook for Educators provides general information on educational computer use for teachers who are new to the field of educational computing.
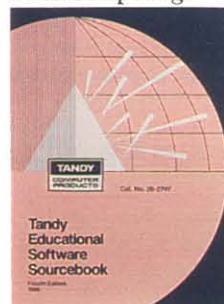
Tandy Educational Software Sourcebook
26-2747 .13.95

My TRS-80 Likes Me
26-2751 . . . . 2.50

Number Patterns
26-2752 . . . . 2.50

Radio Shack's Proposal Writing Guide
26-2754 . . . . 9.95

TRS-80 Microcomputer Handbook for Educators
26-2757 . . . . 2.50

Minimum Systems Requirements

III = Model III	4 = Model 4 Only
I/III = Model I or III	III/4 = Model III or 4
CC = Color Computer	

Ⓐ 32K 1-Disk	Ⓕ 64K 2-Disk
Ⓒ 48K 1-Disk	Ⓖ 16K with Cassette
Ⓓ 48K 2-Disk	⬜ 32K Extended BASIC

*Compatible with Network 3. †Compatible with Network 2.

NETWORK OFFICE AUTOMATION

**Local Area Networks
Make Data Sharing
Easy and
Affordable**
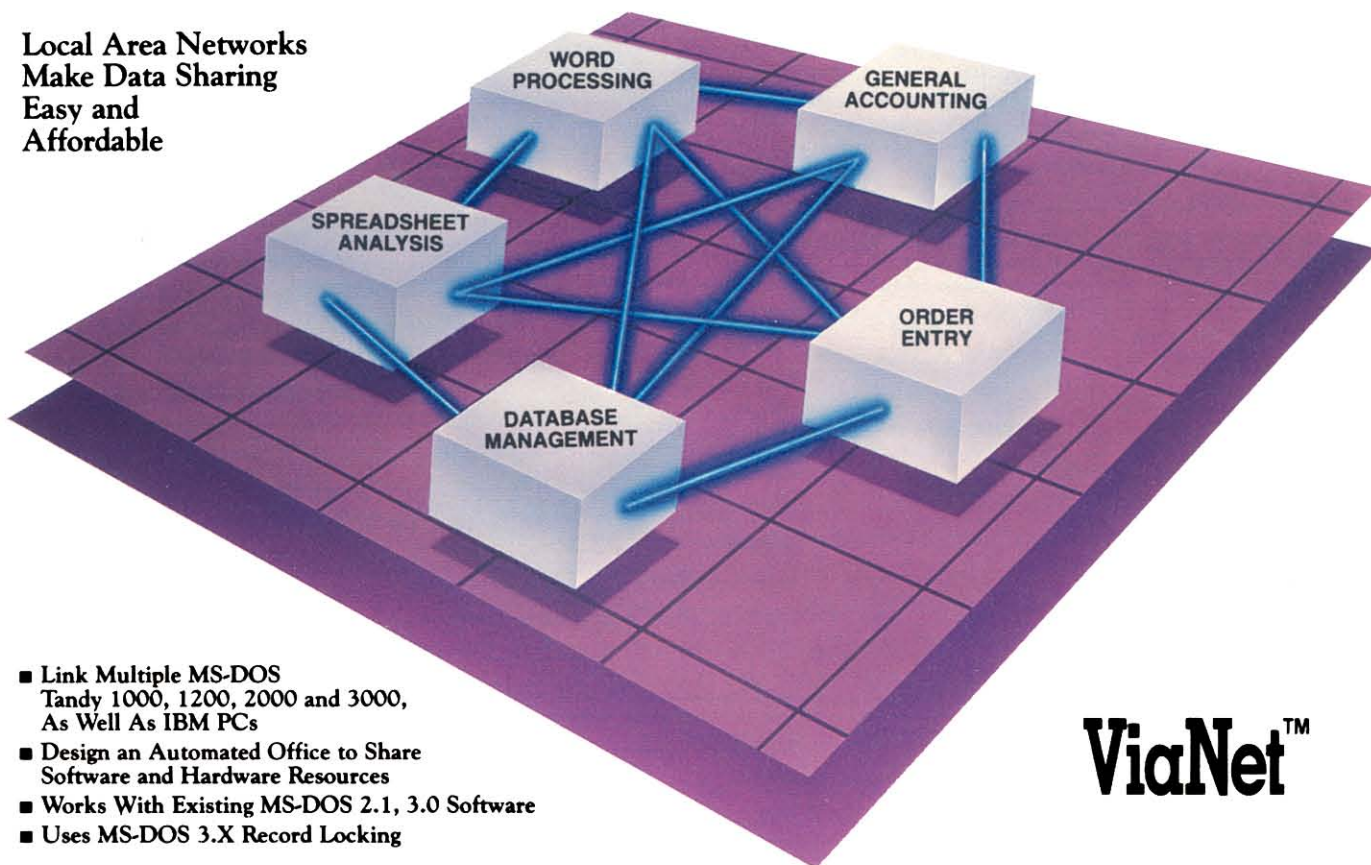
- Link Multiple MS-DOS
  Tandy 1000, 1200, 2000 and 3000,
  As Well As IBM PCs
- Design an Automated Office to Share
  Software and Hardware Resources
- Works With Existing MS-DOS 2.1, 3.0 Software
- Uses MS-DOS 3.X Record Locking

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
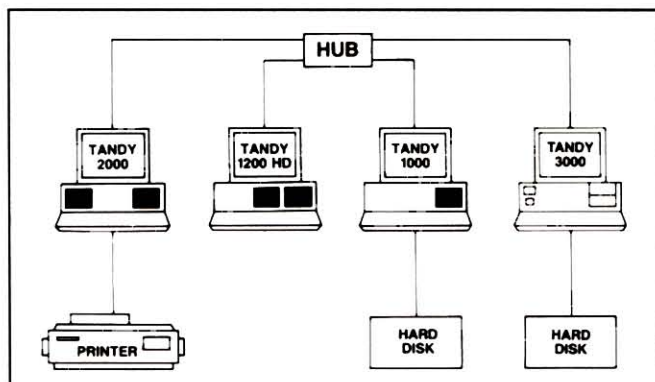
ViaNet makes all resources on the network available to each user. With ViaNet, users may easily and quickly share programs, data and such costly resources as letter-quality printers, hard

disks or backup devices. The software is resident at each station, so the network operates as a global supervisor, without requiring a "master" station. Most important, ViaNet is as easy to use as a stand-alone computer. Operating system commands work precisely the same under ViaNet as in a stand-alone environment. Each computer in the system requires an 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 . . . . 499.95
Tandy 1000/1200/3000 ViaNet System.
26-1221 . . . . 499.95
ViaNet Administrator's Guide.
26-1222 . . . . 19.95
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.
26-6508 . . . . 695.95
Passive Hub. Connects four computers to each other up to 200 feet apart. Two passive hubs cannot be connected in series.
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
UG-306/U BNC Right Angle Adapter. 278-116 . . . . 3.59
Female BNC. 278-114 . . . . 2.49
Coax Cable Stripper. 278-240 . . . . 10.95

CLASSROOM NETWORK SYSTEMS

Classroom Networks Provide Shared Learning Systems

- Link Multiple Tandy 1000, Model III/4 Computers
- Share a Common Hard Disk System and Printer
- Run Existing MS-DOS 2.1 and Standard TRSDOS 1.3 Applications Software
- Supports Programming, Business Education and Computer-Aided-Instruction (CAI) Applications
- One Cable Connects All Stations for Communications
- Master Station Serves Up to 63 Student Stations
- Student Stations Function Like Stand-Alone Computers with 4 Floppy Drives

Network 4. 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 connects an entire classroom of upgraded Model III, Model 4 and Tandy 1000 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. 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.

System Requirements. Network 4 requires a Model 4 host (Model 4 plus Upgrade Kit or a Network 4 Student Station plus cable modification); a Model 4-compatible hard disk (such as the 35-meg primary 26-4171, or 10-meg 25-1025 plus Model 4 Controller 26-1138);Network 4 Operating System 26-2773; and a trunk cable. A disk-equipped Model III or 4 is needed to initialize the network hard disk. An Active Junction Box (available through the Radio Shack Education Division) is required to connect more than 32 stations to the trunk cable, or to extend the trunk cable beyond 1000 feet.

Tandy 1000 Station Requirements. Each Tandy 1000 computer requires at least 256K RAM and the Network 4 Interface Board. Tandy 1000 station software 26-2772 is required for each network, in addition to the Network 4 Operating System. Operating under MS-DOS 2.1, Tandy 1000 stations keep full use of local drives and gain four drives from the Network 4.

Model III/4 Station Requirements. Model 4 Student Stations are ready to add to the network. Model III and Model 4 computers require at least 48K and the Model III/4 Upgrade Kit. At least one disk-equipped Model III or Model 4 station is required for installing application software. Model III/4 stations operate under a network version of TRSDOS 1.3, which is included with the Network 4 Operating System package.

Network 4 Operating Software. Controls network server and hard disk. Includes operating software for Model III/4 stations to share network hard disk and printer. 26-2773 .... 230.00

Network 4 Operating Software for Tandy 1000 Stations. Enables Tandy 1000 stations to share network hard disk and printer. Requires Network 4 Operating System 26-2773. 26-2772 .... 170.00

Tandy 1000 Network 4 Interface. 25-1008 .... 299.95

PLUS Network 4 Interface. 25-1019 .... 299.95

Model III/4 Network 4 Upgrade Kit. Requires installation (not included). 26-1136 .... 299.95

Non-Disk Model 4 Student Station. 26-1058 ...... 1099.00

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. For Model III/4 only.) 26-1217 . 9.95
*Trunk cables include termination resistors.

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. 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

Network 3 Operating Software. For floppy-disk host. 26-2775 .... 149.00

Network 3 Hard Disk Operating Software. Requires hard disk drive and Model III LDOS installation kit. 26-1133 .... 99.95

Network 2. I/III/4/Color Computer/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. 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. Includes all cables. 26-1211 .... 499.00

VIS™ Videotex Information System

- 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. 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. 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.

VIS Software. 26-6470 .... 3500.00**

VIS Multiplexer Software. (Requires 26-6470.) 26-6471 .... 1000.00**

8-Line Multiplexer. 71-3000 .... 4250.00**

8-Line Multiplexer Upgrade Kit. (Requires 71-3000.) 71-3001 .... 1250.00**

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

POPULAR COLOR COMPUTER 2®

A True Family Computer

159⁹⁵ Was $199.95 in RSC-16

Low As $20 Per Month ★

Less TV and Program Paks

- Write Sophisticated Programs and Create Color Graphics
- Access 32,000 Characters of Memory With Built-In Extended BASIC Language
- Add a Color Disk Drive and OS-9 Operating System to Access the Full 64K

64K Extended BASIC Color Computer 2. Learn to program or use ready-to-run software. Ideal for a variety of small business and professional uses, too. Simple, one-line commands make detailed color graphics easy to create. Perfect for drawings, designs, charts, engineering applications—even animation! Features 256×192 screen resolution (49,152 pixels); multi-character variable names; string arrays up to 255 characters; full-featured editing; tracing; floating point 9-digit accuracy; trigonometric functions; user-definable keys; specific error messages; and more. Software is available for personal and household tasks, education and entertainment. Easy to expand. Attaches to any TV. Includes tutorial manuals. UL listed. 26-3127 . . . . 159.95

Increase Data Storage

299⁹⁵ 156,672 Characters of User Storage Per Diskette

Low As $20 Per Month ★

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. Write your own programs or use ready-to-run software. Includes 5¹/₄" double-density, 35-track floppy disk drive; Program Pak cartridge containing the Disk Operating System; cable; blank diskette; manual and operator's instructions. UL listed. 26-3131 . . . . 299.95

Second Drive for FD-501. Adds 156K of storage. Requires installation (not included). 26-3132 . . . . 179.95

Save $69⁹⁵ When You Buy DeskMate™ and a Disk Drive

Complete package includes the FD-501 Floppy Disk Drive and DeskMate 6-in-1 Program. Reg. separate items $399.90.

For the Color Computer 2.
26-3131/26-3259 . . . . 329.95

For the Color Computer 3.
26-3131/26-3262 . . . . 329.95

Color Computer Upgrade Kits

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K to use larger, more sophisticated programs.
26-3015 . . . . 29.95*

Low-Profile Keyboard Kit. Upgrades any Color Computer with the old keyboard to our newer version. 26-3016 . . . . 24.95*

64K RAM Upgrade Kit. Converts a 4K, 16K or 32K Color Computer to the same memory used in 26-3127.
26-3017 . . . . 59.95*

Extended BASIC ROM Kit. Allows advanced graphics or disk drive capability. Requires 16K RAM. 26-3018 . . . . . . 39.95*

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

POWERFUL COLOR COMPUTER 3

Superb Graphics Resolution and Uncompromising Performance at An Incredible Price

NEW FOR 87 219^{95} Less Monitor

Low As $20 Per Month *

- Choose From a Pallette of 64 Brilliant Colors
- Produce Sharp, Crisp Graphs and Illustrations
- Display 32 × 16, 40 × 24 or 80 × 24 Text
- 160 × 192, 320 × 192 or 640 × 192 Resolution
- Use With a High-Resolution Monitor or Your Own TV
- Expands Easily As Skills and Needs Grow

128K Extended BASIC Color Computer 3. Introducing Radio Shack's newest version of our famous Color Computer. The Color Computer 3 can be used in a variety of applications such as graphics, programming, budgets, word processing, database management, spreadsheet analysis and many others. The Color Computer 3 comes with 128K memory (expandable to 512K), and gives you the advantage of greater programming and data processing power, as well as higher resolution graphics. Simply connect the Color Computer 3 to a high-resolution monitor—like the new CM-8 monitor (sold separately, at right)—and you can create incredibly detailed charts, graphs and engineering drawings in vivid colors. The special higher graphics mode lets you paint 160 × 192 or 320 × 192-resolution graphics using 16 out of the 64 total colors. Or produce razor-sharp 640 × 192-resolution in 4 colors. The 21 new commands featured in the Color Computer 3's Extended BASIC language allow you to switch between screens, colors and backgrounds at a higher resolution and in a greater variety of colors than any previous Color Computer. When connected to a TV, the Color Computer 3 will display text in a 32-character by 16-line format. Get a 40-character by 24-line or 80-character by 24-line display with a monitor. Best of all, the new Color Computer 3 is compatible with software and accessories designed for the Color Computer 2 (in the Color Computer 2 mode). Expands easily with disk drives, printer, telephone modem and more. UL listed AC.
26-3334 . . . . .219.95

New! High-Resolution Color Monitor

CM-8 RGB Analog Color Monitor. Designed for use with the Color Computer 3. Displays up to 80 × 24 text and 640 × 192 graphics. It is the perfect complement to the superb graphics capabilities of the Color Computer 3. The CM-8 features a 13" diagonal screen and a built-in speaker with volume control. Includes cable. UL listed AC.
26-3512 . . . . 299.95

SPECIFICATIONS FOR COLOR COMPUTER 3. Microprocessor. 6809E 8-bit. **Clock Speed:** 0.894 MHz or 1.788 MHz. **Keyboard:** 57 keys, including Function, Alternate, F1 and F2. **Video Display:** 16 lines of 32 characters (uppercase only) to 24 lines of 80 characters (uppercase/lowercase). Color graphics capabilities range from 64 × 32 (8 colors) to 640 × 192 (4 colors and background color) with 6 intermediate display formats. High-resolution graphics in the same range available through machine language, Extended BASIC or Program Paks. **Memory:** 128K RAM—internally expandable to 512K. Twenty-one commands in enhanced Extended BASIC. **Input/Output:** 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms), composite monitor and RGB Analog Monitor outputs. **Dimensions:** 3 × 10³/₈ × 14³/₄". **Power:** 120VAC, 60 Hz.

SPECIFICATIONS FOR COLOR COMPUTER 2. Microprocessor: 6809E, 8-bit. **Clock Speed:** 0.894 MegaHertz. **Keyboard:** 53 keys. **Video Diplay:** 16 lines of 32 characters (upper case only). Color graphics capabilities range from 64 × 32 (8 colors) to 256 × 192 (1 color and background color) with three intermediate formats. **Memory:** 16K ROM and 64K RAM. **Input/Output:** 1500-baud cassette (recorder optional). Two joystick ports. RS-232C serial port (4-pin only). Standard TV (300 ohms) output. **Dimensions:** 3 × 10³/₈ × 14³/₄". **Power:** 120VAC, 60 Hz.

COLOR COMPUTER ACCESSORIES

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

B **Joysticks.** Our lowest-priced joystick. Now two players can experience the fun and excitement of games at the same time. Fast 360° movement! Single-shot button.
26-3008 .... Pair/19.95

C **Deluxe Joystick.** Our best! Patented stick mechanism gives you more accurate cursor control and quicker response. Dual-axis trim controls adjust to your touch—allowing you to "fine tune" joystick to your game, business and graphics software. Select "spring-centering" or "free-floating" operation.
26-3012 .... Each 29.95

A **Multi-Pak Interface.** Connects up to four Program Pak™ cartridges to your Color Computer at once! No more plugging in and unplugging cartridges. Connect disk drives and other accessories, too. Change between slots with selector switch or under program control. U.L. listed.
26-3124 .... 99.95

B **DC Modem Program Pak.** RS-232 interface and 300-baud, originate/answer modem. Transfer/receive ASCII files or access information services by phone.
26-2228 .... 89.95

C **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. Software is built in. Requires modem.
26-2226 .... 79.95

A **Sound/Speech Cartridge.** Adds sound, three voices and noise to your BASIC programs. 26-3144 .... 79.95

B **Hard Disk Interface.** Use your Color Computer with Primary Drives. Requires 64K, Multi-Pak Interface, floppy disk with controller and OS-9 (2.0 or later). 26-3145 .... 129.95

C **Orchestra-90 CC.** Create highly sophisticated electronic music and sound effects with your computer and listen to it on your home stereo. Both musicians and non-musicians can compose in six octave ranges in up to five voices. Simulate various instruments and percussion. 26-3143 .... 79.95

D **Appliance/Light Controller.** Connect lights and appliances to Plug 'n Power™ remote control modules (sold separately), attach the controller to your Color Computer, then program times and events. U.L. listed. 26-3142 .... 99.95

Electronic Book Makes Learning Fun

24⁹⁵   Four Fun Programs Available Separately

Electronic Book. Your kids will spend hours learning the fun way! Each of the software packages (sold separately, below) 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. Safe for kids to use, too—plugs into joystick port. Requires 16K Color Computer and cassette recorder. 26-3141 ..... 24.95
Maze Master. 26-2541 .... 19.95
Shape Maker. 26-2542 .... 19.95
The Number Factory. 26-2543 .... 19.95
Word Wizard. 26-2544 .... 19.95

COLOR DISK SOFTWARE

Childpace

Track your child's early development from 3 months to 5 years old. Evaluates dexterity, language, personal and social skills. 26-3248 . . . . 39.95

D.L. LOGO

Programming language designed to run under OS-9. Includes "MUSIC" to play songs with up to 4 voices, "SAY" for support of Speech/Sound cartridge, and joystick support. 26-3033 . . . . 99.95

OS-9 Disk Operating System

Accesses the entire memory of our 64K Extended BASIC Color Computer. 26-3030 . . . . 69.95

New! OS-9 Level II

Same as OS-9 (above), but with enhancements for Level II to support 512K RAM and dual speed. 26-3031 (Avail. 9/30/86) 79.95

PASCAL-09

A complete implementation of this structured programming language. 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. Requires OS-9 DOS. 26-3036 . . . . 99.95

C Compiler

A high-level language that produces assembly language source code for the 6809 microprocessor. Requires OS-9 DOS. 26-3038 . . . . 99.95

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

OS-9 Profile

A personalized electronic filing system. Requires 64K and OS-9 operating system. 26-3274 . . . . 49.95

New! Phantomgraph

Create graphical depictions of data from either database or user input. Incorporate graphs and text, too. 26-3276 (Avail. 12/30/86) 49.95

TRSCOPY

Allows transfer of text files between "OS-9" disks and "Color Computer Disk Basic" disks. 26-3263 . . . . 24.95

COOKBOOK

Two programs in one—an all-purpose menu planner and recipe index file. 26-3257 . . . . 39.95

TSEDIT

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

TSWORD

A format program that forms a powerful OS-9 word processing package when combined with TSEDIT. Illustrated menus. Requires 64K. 26-3267 . . . . 34.95

New! TSSpell

A spelling checker/corrector designed to run under OS-9 in conjunction with TSWORD. 26-3266 (Avail. 11/30/86) 39.95

Investograph

Charts stocks and trends. Features high-resolution graphics. 26-3258 . . . . 49.95

Cash Budget Management

A sophisticated personal or small business bookkeeping program. Features ready-to-use income, expense and cash categories—and you can define your own. 26-3261 . . . . 49.95

New! DeskMate 3

We've made the popular DeskMate even better. DeskMate 3 is an integrated package of seven commonly used personal productivity applications on one disk. 26-3259 (Avail. 9/30/86) 99.95

DYNACALC

A powerful electronic spreadsheet. Features up to 256 columns or 256 rows of cells. Requires 64K and OS-9 DOS. 26-3275 . . . . 99.95

New! Mickey's Space Adventure

Children will learn problem-solving skills while operating a spacecraft. 26-3247 (Avail. 10/30/86) 29.95

Biosphere

An ecological simulation game that teaches children to create a workable ecology. Requires 64K. 26-3280 . . . . 29.95

Robot Odyssey I

Helps develop skills in logical problem solving, abstract reasoning and creative thinking. Requires 64K. 26-3284 . . . . 34.95

Rocky's Boots

Players invent machines to solve puzzles and win over 30 different games, including games they design themselves. Requires 64K. 26-3283 . . . . 34.95

PAN

Write your own songs! Includes everything you need to compose music in three-part harmony. 26-3279 . . . . 29.95

New! Zone Runner

Transport various items between the outposts of the galaxy while avoiding the patrols, pirates, escorts and mines. 26-3286 (Avail. 12/30/86) 29.95

Pegasus and the Phantom Riders

Destroy waves of attackers. Requires joystick or Color Mouse. 26-3281 . . . . 29.95

Pitfall II

Help Pitfall Harry on a treacherous journey to recover the magnificent Raj diamond. Requires 64K RAM and joystick. 26-3287 . . . . 29.95

One-on-One

Dr. J (Julius Erving) and Larry Bird play basketball, one on one style. Control either player and try to win. 26-3288 . . 34.95

Flight Simulator

Learn the basics in manual control of ailerons (pitch and roll), compass readings, take-off and landing and more. Requires 64K and joystick. 26-3108 . . . . 24.95

Varloc

Chess pieces must wage a battle for victory of each square. You control one side, the computer the other. 26-3291 . . . 29.95

Desert Rider

How long do you think you can survive this treacherous, grueling motorcross track? Joystick required. 26-3292 . . . . 29.95

Ghana Bwana

You're in an outrigger trying to reach an island. Obtain the treasure and win. Joystick required. 26-3293 . . . . 29.95

New! Rogue

Rogue is so full of unpredictable monsters, ever-changing magic and hidden dangers that it's never the same game twice. 26-3297 (Avail. 10/30/86) 29.95

New! The Interbank Incident

You try to find the thieves who have stolen a code book from the Interbank Corporation. 26-3296 . . . . 29.95

COLOR COMPUTER SOFTWARE

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.

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.

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.

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. Comes complete with an easy-to-understand manual. 26-3259 . . . . 99.95

New! Color File II

Our new, improved version of Color File! With Color File II you can easily and quickly store, retrieve and use various types of important data, such as addresses, warranties and personal records. You can easily alphabetize, select, examine, print, change and save your information.
26-3110 (Avail. 11/30/86) 26.95

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. Up to 99 rows and columns. Cassette recorder recommended. 26-3104 . . . . 29.95

Personal Finance II

This easy to use household budget program features 26 major expense categories. Review your expenditures on a year-to-date or category basis. 26-3106 . . . . 29.95

New! Color SCRIPSIT II

Color SCRIPSIT II is a word processing system that includes an editor to enter and edit text and text formatting commands. The view mode allows the user the ability to change the format control information while viewing the page.
26-3109 (Avail. 11/30/86) 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

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. 26-3250 . . . . . 39.95

Atom

① Teaches the names of elements, their atomic numbers, configurations and main properties. Includes beautiful wall poster. 26-3149 . . . . 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

Color Math

Math skills for ages 6-14. Includes problems in addition and subtraction. 26-3201 . . . . 19.95

Electronic Book Software

Your kids will spend hours learning the fun way! Each software package contains "pages" which compose the Electronic Book (sold separately). Different areas of the book's touch-sensitive surface are pressed to make selections. Interactive routines make learning a game.

Maze Master

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.
26-2543 . . . . 19.95

Word Wizard

Help your children improve spelling skills the fun way.
26-2544 . . . . 19.95

Program Pak™ Games

Dragonfire

① You must dodge fireballs tossed by the dragon to get to the treasure room. 26-3098 . . . . 29.95

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! 26-3046 . . . . 19.95

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

Baseball

① Plays just like the real game! You control pitching, running and defense.
26-3095 . . . . 19.95

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

Cassette Tape Game

Pyramid

② Perilous adventure game! Explore the ancient pyramid's unknown passages for treasures! 26-3310 . . . . 14.95

① Joysticks required. ② Cassette recorder required. ③ Joysticks and cassette recorder required.

MODEMS & VIDEOTEX SOFTWARE

Communications Modems

Use with any RS-232C-equipped computer. Full duplex, originate/answer, 300 bps. Bell 103 compatible. FCC registered. U.L. listed.

Acoustic Coupler

A AC-4. Accommodates round or square handsets—ideal for use in hotel rooms where direct connection may not be possible. Also half duplex.
26-1179 .... 119.95

New! Intelligent Modem

B DCM 7. Switch selectable between Hayes® and Tandy command sets. Easy-to-use auto-dial/auto-answer. Connects directly to modular phone jack.
26-1394 .... 99.95

Direct-Connect Modem

C DCM 3. Our lowest priced modem! Plugs directly into modular phone jack. Works with either DB25 or 4-pin connector (Color Computer type). Includes a modular phone cable. 26-1178 .. 59.95

High-Speed Intelligent Modem

199⁹⁵ Low As $20 Per Month *

DCM 212. This auto-dial/auto-answer modem is switch selectable between Hayes® and Tandy command sets. Easy-to-use menu-driven operation automatically selects 300 or 1200 bps rate. Bell 212A compatible. Avail. 10/30/86.
26-1385 .... 199.95

Integrated Phone and Modem Gives You 2 Devices in 1

Modemfone™ 100. Get the extraordinary convenience of a telephone and modem in one affordable unit. Telephone features switchable Touch-Tone/pulse dialing, adjustable ringer volume and one-button touch redial. Hearing aid compatible. Modem features full duplex, originate/answer, 300 bps. Standard RS-232C computer connection. Bell 103 compatible. FCC registered. U.L. listed AC adapter.
26-1386 .... 99.95

RS-232C Selector Switch

149⁹⁵ Low As $20 Per Month *

SW-303. Connect three RS-232C devices to your computer. One configurable port for communications. U.L. listed. Cables not included. 26-1499 .... 149.95

Access Information by Phone

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. 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. Includes information kit for CompuServe and Dow Jones. Requires software or terminal emulation. 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. Requires modem.

Model I/III Package. 26-1588 .... 49.95

Model 4 Package. Same as above. 26-1598 .... 49.95

Tandy 2000 Package. Same as above. 26-5260 ...... 49.95

TANDY PORTABLE COMPUTERS

Our Popular Tandy 200

799⁰⁰
Low As $37 Per Month*

- Multiplan Built In
- 24,000-Character Memory

Tandy 200. A powerful problem solver. For complex spreadsheet analysis and calculations, we put popular Multiplan software into the Tandy 200's permanent memory. 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 memos, reports and correspondence. Four other "instant-on" programs are a personal appointment calendar, address and phone directory, and telephone auto-dialer. You can even create your own programs in BASIC. The Tandy 200's high-contrast flip-up liquid crystal display has 240×128 resolution for big, clear graphics, or 16-line by 40-character text. Includes parallel printer, RS-232C, cassette and bar code reader interfaces. 26-3860 . . . . 799.00

SPECIFICATIONS. Microprocessor: 8-bit 80C85 CMOS. **Clock Speed:** 2.4 MHz. **Memory:** 72K ROM, expandable to 104K; 24K RAM, expandable to 72K in banks of 24K. **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.


NEW FOR 87

Slimmer, Lighter Tandy 102

499⁰⁰
Low As $23 Per Month*

- 24K Memory ■ 40 × 8 Display
- Five Built-In Management Programs
- Direct-Connect Telephone Modem

Tandy 102. We've redesigned our best-selling portable—the famous Model 100—into an even smaller package. But we've retained the same remarkable features, including five instant-on programs, an 8×40 display and a modem—all built in. Use the Tandy 102 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. Only 3 lbs. Requires four "AA" batteries. 26-3803 . . . . 499.00

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:** 1¹/₂ × 11⁷/₈ × 8¹/₂". **Weight:** 3 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.
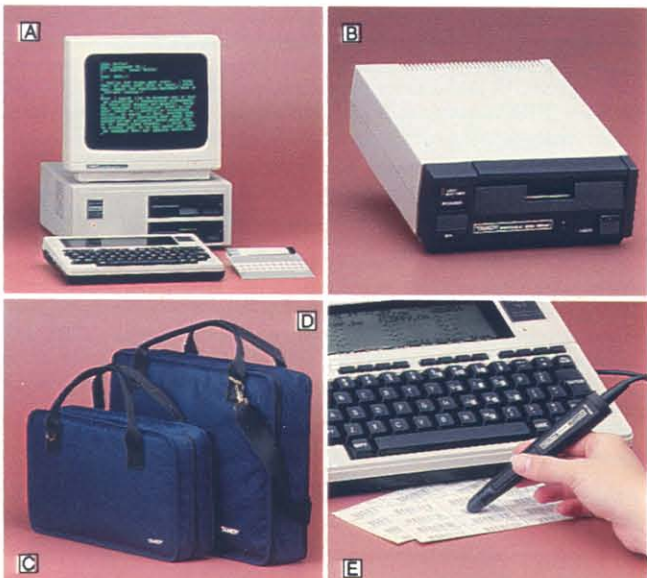
Portable 100/102/200/600 Accessories

A Disk/Video Interface*. 184K disk drive and TV/monitor interface.
26-3806 . . . . 499.00

New Low Price! Second Disk Drive. For 26-3806. Installation not incl. Was $239.95 in RSC-16. 26-3807 . . . 199.95

B Portable Disk Drive*. 100K of data on 3¹/₂" floppies. Requires four "AA" batteries or AC Adapter (not included). 26-3808 . . . . 199.95

C Carrying Case*.
26-3811 . . . . 39.95

Portable Disk Drive Carry Case. 26-3815 . . . . . . 24.95

D Tandy 600 Carrying Case.
26-3905 . . . . .59.95

E Bar Code Wand*.
26-1183 . . . . 99.95

Acoustic Coupler.
26-3805 . . . . 39.95

Printer Cable.
26-1409 . . . . 14.95

Modem Cable.
26-1410 . . . . 19.95

AC Adapter. U.L. listed.
26-3804 . . . . 5.95

Legs. 26-3812 . . . . 3.99

Model 100 8K RAM Upgrade. Req. installation (not incl.). 26-3816 . . . . 49.95

New! Tandy 102 8K RAM Upgrade. 26-3817 . . . . . 14.95

Tandy 200 24K RAM Upgrade. Req. installation (not incl.). 26-3866 . . . . . 199.95

New Low Price! Tandy 600 96K RAM Upgrade. Install. rec. Was $399.95 in RSC-16. 26-3910 . . . . 299.95

*For Models 100/102/200 only. A Shown with computer and monitor (not included).

TANDY 600 WITH DISK DRIVE

Our Most Powerful Portable Computer!

1599.00 Low As $74 Per Month★

- Self-Contained 3½" 360K Disk Drive
- Five Full-Featured, Built-In Applications
- Internal 300-bps Direct Connect Modem
- Typewriter-Style Keyboard

Tandy 600. Features five resident applications. Multiplan, the popular "second-generation" spreadsheet, can do and show more because of the Tandy 600's larger display and expanded memory. Word processing is easy using a subset of Microsoft® Word. File is an electronic database for names and addresses, expenses, client billing, inventory and more. With Telecom and the Tandy 600's built-in modem, you're able to communicate with other computers over phone lines and access national information networks. Telecom will even dial the phone number of anyone listed in File. Calendar helps you keep track of daily tasks and activities. Weighs 9½ pounds and measures 12 × 13 × 2¾".
26-3901 . . . . 1599.00

SPECIFICATIONS: Microprocessor: 16 bit 80C88 CMOS. **Clock Speed:** 3.07 MHz. **Memory:** 160K ROM, 32K RAM, expandable to 224K RAM. **Keyboard:** Full-size 73-key typewriter style with embedded 10-key datapad. **Display:** 80 × 16 Liquid Crystal Display, upper and lower case ASCII characters. 480 × 128 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 interface. **Dimensions:** 2¾ × 12 × 13" **Weight:** 9.5 lbs. unit, 11 lbs. with AC adapter. **Power Supply:** Operations—Up to 8 hours with 1 hour disk access on built-in rechargable batteries. Optional U.L. listed AC adapter.

Tandy 600 Programs

BASIC ROM. Write your own programs.
26-3904 . . . . 129.95

Tandy 200 Programs

Bar Code Writer. Takes input from Model 100 TEXT files and produces bar codes in six forms. Requires 24K, cassette recorder, printer and cables. 26-3895 . . . . 34.95

Bar Code Drivers. Allows bar code wand to read Interleaved Two of Five, Codabar and UPC-E bar codes. Requires 16K, cassette recorder and bar code wand. 26-3896 . . . . . . 19.95

Data Manager. Lets you store, examine, update and list a variety of information—from personal records to appointment schedules. Requires cassette recorder.
26-3886 . . . . 39.95

MultiSolutions. Plugs into ROM socket. Includes three applications: a word processor, a Time Minder and Data Manager. Requires 24K. 26-3894 . . . . 149.95

Project Scheduler. Divide a large job into individual tasks. Requires 24K and cassette recorder. 26-3893 . . . . 39.95

Romulus Chess. Choose from seven playing levels. Requires cassette recorder. 26-3890 . . . . 19.95

Tandy Code Read/Write. Generates and reads modified NATI code. Requires 24K, cassette recorder, printer, cable and bar code wand. 26-3897 . . . . 24.95

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. Requires cassette recorder. 26-3881 . . . . 39.95

Time Minder. Manage your appointments and expenses effectively or just display a calendar for any month of any year. Requires cassette recorder. 26-3883 . . . . 39.95

Tandy 100/102 Programs

Remote Disk. Allows you to use your Model I/III/4/II/12/2000/ Color Computer disk drive as a storage area for your Model 100 files. Includes cassette and diskette. 26-3839 . . . . 59.95

Assembler/Debugger. Debug, write and assemble machine language code. Requires cassette recorder.
26-3823 . . . . 49.95

Model 100 Spectaculator®. A mini-spreadsheet. Requires 16K memory and cassette recorder.
26-3828 . . . . 49.95

Data Manager (Cassette). Requires 24K memory and cassette recorder. 26-3836 . . . . 39.95

SCRIPSIT® 100. Features advanced formatting capabilities. Requires printer and cassette recorder.
26-3830 . . . . 39.95

Calculator. Powerful math "scratchpad" for finance and regular math functions. Requires cassette recorder.
26-3827 . . . . 19.95

Statistics. Generate reports for descriptive statistics, frequency distribution, histogram, correlation, regression, time series analysis and much more. Requires 32K and cassette recorder.
26-3825 . . . . 29.95

Executive Calendar. Schedule appointments or display a calendar for any month. Requires cassette recorder.
26-3833 . . . . 19.95

Interactive Solutions. Contains three programs: Data Manager, Spreadsheet and Text Formatter. Uses optional ROM socket— does not occupy RAM. 26-3844 . . . . 149.95

Multiplan. This ROM program is a portable version of the popular spreadsheet analysis program—does not occupy Model 100 RAM. 26-3829 . . . . 149.95

HANDY POCKET COMPUTERS

PC-6 Pocket Scientific Computer

119⁹⁵ Low As $20 Per Month★

- 65 Built-In Scientific Functions
- Programs in BASIC and Assembly Language

Pocket Scientific Computer PC-6. An ideal tool for engineers and students, the PC-6 combines the best features of a powerful scientific calculator and a pocket computer. Performs up to 65 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 numbers or engineering data and formulas handy. Features an easy-to-read, 24-character LCD. Uses PC-4 Cassette Interface and Printer with PC-5/6 Cable (all sold separately). 8K RAM. Folds up to only $3/4 \times 1^{13}/_{16} \times 5^5/_8$". Includes battery. 26-3672 .... 119.95
8K RAM Module. 26-3674 .... 19.95
PC-5/6 Cable. Use PC-5 or PC-6 with PC-4 Cassette Interface and PC-4 Printer.
26-3671 .... 14.95

PC-7 Pocket Scientific Computer

69⁹⁵

- With 72 Scientific and 17 Statistical Calculations
- Features 2K RAM
- Programs in BASIC

Pocket Scientific Computer PC-7. Keep track of important data and calculations wherever you go with our new PC-7 Pocket Computer. This incredible, compact unit performs up to 72 scientific calculations and 17 statistical calculations. This makes it perfect for engineers, students and professionals who need exact mathematical data rapidly. Mathematical functions include trigonometric, logarithmic/exponential, absolute value, permutations, standard deviation, linear regression and many others. The PC-7 features 2K random access memory and 35 commands in BASIC including: CLEAR, END, INPUT, DATA, READ AND STAT. You can even write your own programs in BASIC! Keyboard composed of 72 keys. Measures $13/_{32} \times 5^1/_2 \times 7^3/_{32}$".
26-3673 .... 69.95

Low-Cost PC-4 Pocket Computer

59⁹⁵

- 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
Ⓐ PC-4/5 Cassette Interface. Store and load programs on cassette tapes using an optional cassette recorder. Requires two "AA" alkaline batteries. 26-3651 .... 39.95
Ⓑ PC-4/5 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 adapter/charger. 26-3652 ..... 79.95
PC-4 Thermal Paper. 65-711 .... Pkg. of 5/1.99

COMPUTER REFERENCE BOOKS

Tandy 1000

The Complete Guide to the Tandy 1000. Explains how to get the most from your Tandy 1000. Covers IBM compatibility, software, hardware, expansion and more. 25-1505 ... 14.95

MS-DOS:The Basics, Vol. I. Describes set-up, preparing diskettes, managing files and using a hard disk. 25-1506 ... 7.95

MS-DOS:Advanced Applications, Vol. II. Covers file structure, controlling data flow, personalizing your system, troubleshooting. 25-1507 .... 14.95

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

New! MS-DOS/GW-BASIC Reference Guides. Includes reference materials for MS-DOS and GW-BASIC 2.11 and 3.20. 25-1508 .... 29.95

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

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

Model I/III/4

Model 4/4P Technical Reference Manual. 26-2119 ... 29.95

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

Color Computer

BASIC 09 Tour Guide. A complete reference guide of system commands and lists each BASIC 09 keyword in alphabetical order. 26-3189 .... 14.95

Rainbow Guide to OS-9. Includes an overview of OS-9, hands-on examples, utility commands set, major programming languages, inner workings of OS-9 and more. 26-3190 .. 16.95

Getting Started with Extended BASIC. Teaches Extended BASIC features. 26-3197 .... 8.95

The Color Computer Playground. Features 42 entertaining and useful programs. 26-3196 .... 7.95

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

TRS-80 Color Computer & MC-10 Programs. 40 programs. 26-3195 .... 5.95

Portable Computers

Tandy 200 Book. A complete step-by-step tutorial. 26-3869 .... 19.95

Tandy 200 Technical Reference Manual. 26-3861 .... 29.95

Model 100 Technical Reference Manual. 26-3810 ..... 9.95

The TRS-80 Model 100 Portable Computer. A complete step-by-step learner's manual. 26-3819 .... 14.95

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

Source Books

New! Applications Software Sourcebook, Vol. 8. Includes over 2800 ready-to-run programs of all types for sale by a variety of vendors. 26-215 .... 7.95

Microcomputer News

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

Newsletter Reprints. Jan. thru Dec. 1981. 26-2240 .... 6.95

Newsletter Reprints. Jan. thru Dec. 1982. 26-2241 .... 9.95

Reference Books

How to Use Your Radio Shack Printer. Explains dot-addressable graphics, print codes, more. Includes 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

Computer Science

Computer Reference Handbook. Model I, II, III, 4, 100, Color Computer and MC-10. 344 pages. 62-2314 .... 2.95

Understanding Computer Science, Vol. I. Covers hardware, programming and languages. 256 pages. 62-1383 ..... 3.95

Understanding Computer Science, Vol. II. Covers graphics, networks, communications and application design. 256 pages. 62-1395 .... 3.95

Understanding Data Communications. Explains the transmission of words and symbols from a source to a destination. 256 pages. 62-1389 .... 3.95

Understanding Digital Troubleshooting. Provides basic troubleshooting techniques in an easy-to-learn format. 272 pages. 62-1398 .... 3.95

Understanding Digital Electronics. Explains digital electronic devices, circuits and systems. 240 pages. 62-2010 ..... 3.95

Understanding Microprocessors. 296 pages. 62-2017 .. 2.95

Understanding Artificial Intelligence. Covers symbolic processing, expert systems, natural language processing and system applications. 62-1399 .... 3.95

COMPUTER/PRINTER CABLES

Parallel Printer Cables

Fig	Use With	Description	Cat. No.	Each
A	Model I/III/4/4P/4D/1000/1000 EX	34-pin card edge to 36-pin plug, 6'	26-1401	29.95
A	Model I/III/4/4P/4D/1000/1000 EX	34-pin card edge to 36-pin plug, 12'	26-1368	34.95
B	Model II/12/16/16B/2000/6000	34-pin header to 36-pin plug, 6'	26-4401	29.95
B	Model II/12/16/16B/2000/6000	34-pin header to 36-pin plug, 12'	26-1323	34.95
C	Tandy 1200/3000/IBM PC	DB25 to 36-pin plug, 6'	26-1347	29.95
C	Tandy 1200/3000/IBM PC	DB25 to 36-pin plug, 12'	26-1371	34.95

Serial Printer Cables

Fig	Use With	Description	Cat. No.	Each
D	PC-5/6	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

Keyboard Extension Cable

Fig	Use With	Description	Cat. No.	Each
H	Tandy 1000	5' extension cable	26-1389	14.95

Model 100/Tandy 200/600

Fig	Function	Description	Cat. No.	Each
I	To parallel printer	34-pin header to 36-pin plug	26-1409	14.95
J	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
K	Model III/4/12/16B/1000/1200/2000/3000/6000	Male DB25 to DB25, 5-ft. Ribbon	26-1408	17.95
L	Extension for 26-1408	Female DB25 to Male DB25, 6' ribbon	26-1398	17.95
M	Tandy 3000 serial cable	DB9 to DB25, 6' round	26-1399	24.95
N	For Model 12/16B/1000/1200/2000/3000/6000 or with 26-1497	10-foot round cable	26-1490	24.95
N		25 foot round cable	26-1491	29.95
N		50 foot round cable	26-1492	44.95
N		100 foot round cable	26-1493	69.95
O	Joins cables together	RS-232C Cable Connector	26-1495	14.95
P	Allows two CPUs to communicate directly through modem software	Null Modem Adapter	26-1496	14.95
Q	Allows use of round RS-232C cables with Model III/4/DT-1	8-inch flat extender	26-1497	15.95
P	Allows Tandy 6000 RS-232C card to use standard modem	Modem Adapter	26-1373	19.95

## Computer and Peripheral Connectors

[1] **25-Position Solder-Type Submini "D" Male Connector.** 276-1547 .... 1.99
[2] **25-Position Solder-Type Submini "D" Female Connector.** 276-1548 .... 2.99
[3] **Hood.** 276-1549 .... 1.99
[4] **Shielded 25-Position Hood.** 276-1536 .... 1.99
[5] **Multi-Purpose Hood.** 276-1520 .... 1.79
[6] **25-Position Solderless Submini "D" Male Connectors.** 276-1559 .... 3.99
[7] **25-Position Solderless Submini "D" Female Connectors.** 276-1565 .... 3.99
[8] **36-Position Male Printer Connector for ribbon cable.** 276-1533 .... 5.99
[9] **36-Position Female Printer Connector for ribbon cable.** 276-1523 .... 5.99
[10] **36-Position Solder-Type Printer Connector.** 276-1534 .... 4.99
[11] **34-Position Solderless Card-Edge Connector.** 276-1564 ..... 3.95
[12] **34-Position Header Connector.** 276-1525 .... 2.49

Wire and Cable Management Accessories

[13] **4" Self-Locking Nylon Wire Ties.** 278-1632 ...... Pkg. of 30/1.59
[13] **5" Self-Locking Nylon Wire Ties.** 278-1631 ...... Pkg. of 30/1.99
[13] **8" Self-Locking Nylon Wire Ties.** 278-1642 ...... Pkg. of 30/2.99
[14] **AC Cord Ties.** 278-1646 .... Pkg. of 6/49¢
[15] **Spiral Wrap.** 5-ft. clear, 5-ft. black. 278-1638 .... 1.59
[16] **Cable Tie/Marker.** 278-1648 .... Pkg. of 10/1.99
[17] **RG62 Cable Feedthrough Bushing.** 278-1643 ...... Pkg. of 2/49¢
[18] **Universal Cable Clip.** 278-1639 .... Pkg. of 10/1.99
[19] **Wire Tie Mounts.** 278-1641 .... Pkg. of 10/1.29

Cords, Cables and Cord Cover

[20] **Computer/Business Machine Power Cord.** 6 ft. 278-1257 .... 3.99
[21] **25-Conductor RS-232 Ribbon Cable.** 5 ft. 278-772 .... 3.59
[22] **36-Conductor Parallel Printer Cable.** 6 ft. 278-774 .... 4.69
[23] **Flexible Cord Cover.** Beige. 6 ft. 26-1379 .... 11.95
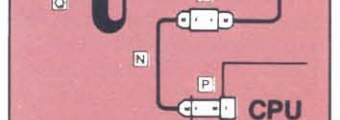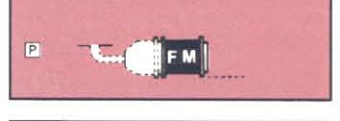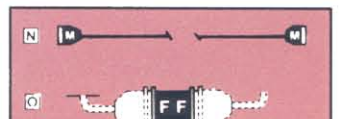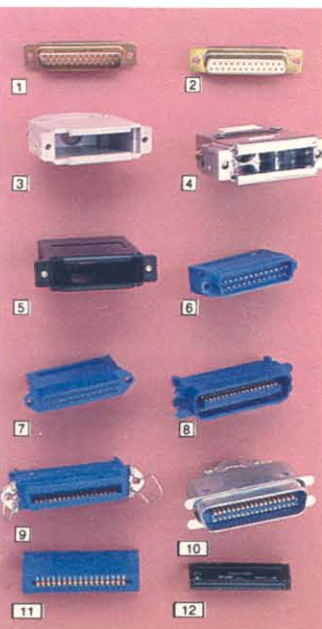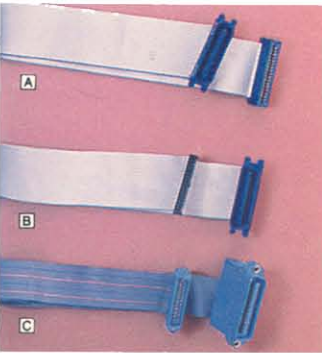
COMPUTER ACCESSORIES

## Standby Power System for Home and Office

NEW LOW PRICE!

595.00

Was $695.00 in Cat. RSC-16

Low As $28 Per Month★

BPS 400. Guards against data loss in case of a brownout or electrical failure. 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 protects your equipment against harmful electrical spikes and transients. Easily handles power requirements of Tandy 6000 or 3000—even when supporting extra drives. Four outlets. $6 \times 10^{3}/_{4} \times 12^{1}/_{2}$". U.L. recognized. 26-1189 . . . . 595.00

Power Switching System
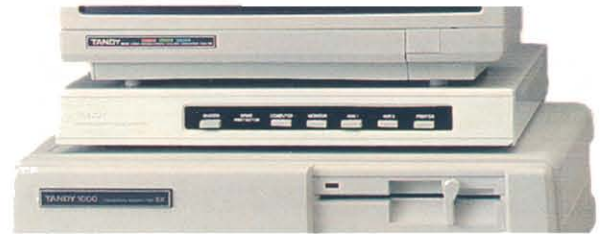
NEW FOR 87 **79.95**

Adds Versatility to Any Computer System

Computer and monitor not included

Turn up to five individual accessories on and off from the front panel. Holds all Tandy monitors and swivels for best viewing angle. Provides full power line noise filtration, plus full common and differential mode transient protection. Features status lamp and six outlets (five are switch controlled). Rated 15A. Includes circuit breaker and 10-ft. line cord. U.L. listed. Available Sept. 30, 1986. 26-203 . . . . 79.95

Twin Outlet Power Protector

NEW FOR 87 **16.95**

- Our Lowest Priced Power Protector— A "Must" for Any Home System
- Protects Computer and Peripheral Against Harmful Power Surges and Line Noise
- Plugs Into Any 120-Volt AC Outlet

Provides common and differential mode transient protection (50 joules per mode, 25 nanoseconds, 340-volt clamping at 50 amps), plus full power line noise filtration. Includes MOV status lamp. Rated 10A. Includes push-to-reset circuit breaker. U.L. listed. Available Oct. 30, 1986. 26-1395 . . . . 16.95

Deluxe Power Center
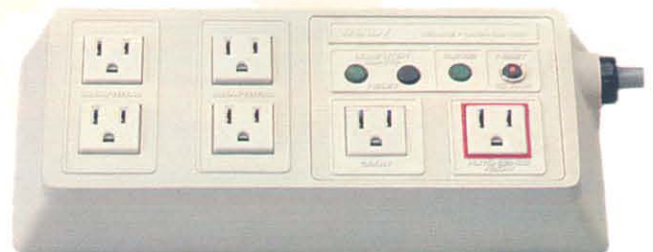
NEW FOR 87 **69.95**

Protect Your Computer System

Provides full common and differential mode transient protection with MOV status lamp (80 joules per mode, 25 nanoseconds, 340-volt clamping at 100 amps). Full external and internal noise filtration in four isolated segments. Auto-sense power switch with adjustable sensitivity. "Once-off, stays off" power dropout protection with indicator lamp, reset button. Rated 15A. Push-to-reset circuit breaker. 6-ft. power cord. U.L. listed. Available Oct. 30, 1986. 26-1396 . . . . 69.95

Computer Cassette Recorders

Ⓐ

Ⓑ

CCR-81 Recorder **59.95**

CCR-82 Recorder **49.95**

Ⓐ**CCR-81.** Ideal for loading and saving your own programs and data on cassette tapes. Battery/Record LED indicator. $10^{1}/_{2} \times 5^{3}/_{4} \times 1^{13}/_{16}$". Includes cable. U.L. listed AC operation or four "C" batteries (not included).
26-1208 . . . . 59.95
Ⓑ**CCR-82.** Features volume control with preset marker. $7^{1}/_{8} \times 4^{11}/_{16} \times 1^{5}/_{16}$". Includes cable. Requires four "AA" batteries or AC adapter (not included). 26-1209 . . . . 49.95
AC Adapter for CCR-82. U.L. listed. 273-1454 . . . . 5.95

Computer Cassette Tapes

Low As **1.89** Each

- Ideal for Program and Data Storage
- Certified Free of Drop Outs and Defects

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 ACCESSORIES

Universal Computer Floor Stand

NEW FOR 87

29⁹⁵

Holds CPU in Vertical Position

Computer not included

Save desk space. Place our Universal Computer Floor Stand next to your workstation. Securely holds Tandy and other PCs. Width adjusts to 6″. Steel construction. Non-skid rubber feet. Easy to assemble. 26-201 . . . . 29.95

Universal Monitor Pedestal

16⁹⁵
- Adjusts for Better Viewing
- Works with Most Monitors

Adjustable platform rotates and tilts for best viewing angle. Holds all Tandy monitors and many others. Color and finish of platform matches Tandy monitors. Base measures: 11×10¼″.
26-1369 . . . . 16.95
Computer and monitor not included.

Monitor Platform

NEW FOR 87 **29⁹⁵** Perfect for Tandy 1000 EX

Designed to hold a monitor and disk drive for the Tandy 1000 EX. Also suitable for the Color Computer. Sturdy steel legs, wood top. 5³/₈×20³/₄×11⁷/₈″. Easy to assemble. 26-210 . . . . 29.95
Computer system not included.

Deluxe Printer Platform

49⁹⁵ Stack Paper Under Printer

Printer not included.

Saves desk space. The Deluxe Printer Platform elevates your wide-bed (132-column) printer so paper feeds from below (3″ clearance). Smoked acrylic. Platform measures 3¹/₂×22×16″. A "must" if you want a well-organized computer work area.
26-1383 . . . . 49.95

Universal Printer Supports

16⁹⁵ Ideal for Home Systems

New Low Price! Elevates your printer so fanfold paper can be placed underneath to save desk space. Use with 80-column printers. Durable crystal polystyrene construction. Easy to assemble. Was $19.95 in RSC-16.
26-1367 . . . . 16.95
Printer not included.

Anti-Glare Mesh Screen

Before   After

NEW FOR 87 **24⁹⁵** Cuts Glare and Reflections

For Tandy color monitors (CM-1, 2, 4, 5 and 10). Also fits VM-2 monochrome monitor. Specially woven diagonal nylon mesh provides high viewing resolution. Easy to install. 26-202 . . . . 24.95
Anti-Glare Mask (not shown). For Model I/II/III/4/12/16 monochrome screens.
26-511 . . . . 16.95
Monitor not included

Universal Keyboard Cover

NEW FOR 87 **7⁹⁵** Computer and keyboard not included

Protects keyboard when not in use from dust and spills. Fits all detachable Tandy keyboards. Sturdy textured polystyrene. 2⁵/₈×18³/₄×8″. 26-200 . . . . 7.95
Model III/4 Keyboard Cover (not shown). 26-1342 . . . . 12.95

Computer Security System

24⁹⁵
- Low-Cost Theft Deterrent
- Easy to Install

Mounting plates attach to tabletop and side of computer and peripheral by special acrylic adhesive. No modification required, no holes to drill. Includes user-resettable combination lock, 3-ft. vinyl-coated steel cable, 3 mounting plates and instructions.
26-1376 . . . . 24.95
Expansion Set. Two plates and surface preparation kit. 26-1377 . . . . 11.95
Computer and monitor not included.

Anti-Static Mat

NEW FOR 87

89⁹⁵

Chair not included

Drains static charges that can damage your computer. Carbon fibers remove charges instantly (rated less than $2×10⁹$ ohms, less than 0.05 second decay time). Clear textured vinyl. Cleats on bottom prevent slipping on carpet. With 10-ft. grounding cord. 45×53″.
26-214 . . . . 89.95

COMPUTER SYSTEM FURNITURE

Modular System Furniture for Your Home or Office Workstation

A System Desk. Adjustable glides. $27 \times 49^{3}/_{4} \times 29^{3}/_{8}$". 26-1356 . . . . 119.95

B Storage Hutch. Mounts on system desk. Assembles with adjustable "second shelf" on either side. 26-1359 . . 59.95

Half-Width Storage Hutch (not shown). 26-1374 . . . . 54.95

C NEW! 3-Drawer Module. Bottom drawer ($9^{1}/_{2} \times 13^{1}/_{4} \times 17^{1}/_{2}$") has letter/legal hanging file rails. Top drawers measure $4 \times 13^{1}/_{4} \times 17^{1}/_{2}$" each. $24^{1}/_{4} \times 16^{3}/_{4} \times 19^{1}/_{4}$". 26-1397 . . . . 129.95

D Corner Section. Mounts on right or left side of desk. Adds approx. 4 sq. ft. of working space. 26-1358 . . . . 39.95

E 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 449.75**

399⁰⁰

Low As $20 Per Month *

Computer, printer and accessories not included

99⁹⁵ Simulated Oak Finish

Computer and accessories not included

Computer Workcenter. Features a full-width monitor shelf ($41^{1}/_{2} \times 14^{3}/_{4}$"), space for computer and printer, plus plenty of workspace. Adjustable glides. Simulated oak finish. Easy to assemble. $34 \times 43 \times 23^{3}/_{4}$". 26-1350 . . . . 99.95

Computer and manual not included

Computer, manual and drawer not included

Terminal Stand **System Desk** **Printer Stand**

199⁹⁵ 279⁹⁵ 149⁹⁵

Printer not included

Deluxe Terminal Stand. Large 30×30" top is adjustable at 26", 27" or 28" heights. Easy to assemble. 26-4306 . . . . 199.95

Deluxe Workstation. 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. Slotted top for bottom paper feed. Includes wire basket. Easy assembly. $27 \times 24 \times 19$". 26-4307 . . . . 149.95

Locking Casters. Lets you move printer stand easily. Fits Printer Stands #26-4307 and #26-1357. 26-1319 . . . . Set of 4/19.95
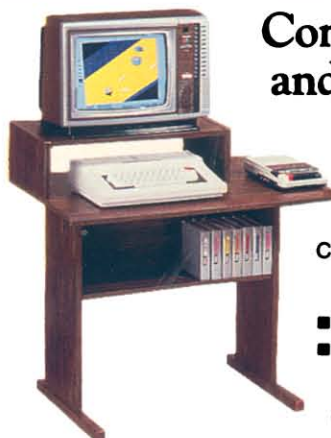

Computer Table

79⁹⁵

Computer, printer and accessories not included

Computer Table. Small enough to let you set up your system nearly anywhere. Large enough for Tandy 1000, Model 4 or Color Computer. Monitor Platform (26-210) sold separately. 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, printer and accessories not included

Compact Computer Stand. Our lowest-priced computer desk. 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. 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

PRINTER/COMPUTER SUPPLIES

Stock Up Now on Fanfold Printer Paper

- Buy Fanfold Paper in Small Quantities and Save
- Available in Mini-Paks, Totes and Full Cartons
- Store Your Printouts in the Reusable Cartons

Feed paper directly into the printer from the reusable cartons. Letter-size sheets (9¹/₂ × 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 Perf.	Qty.	Cat. No.	Price
9¹/₂ × 11"	1	Greenbar	Yes	1500	72-304	24.95
9¹/₂ × 11"	1	Greenbar	Yes	3500	26-1403	49.95
9¹/₂ × 11"	1	White	Yes	500	26-1423	8.95
9¹/₂ × 11"	1	20# White	Yes	500	26-1387	10.95
9¹/₂ × 11"	1	20# White	Yes	1250	26-1427	24.95
9¹/₂ × 11"	1	20# White	Yes	2500	72-311	44.95
9¹/₂ × 11"	2	White	Yes	750	72-305	34.95
14⁷/₈ × 11"	1	Greenbar	No	500	26-1330	11.95
14⁷/₈ × 11"	1	Greenbar	No	1500	72-300	34.95
14⁷/₈ × 11"	1	Greenbar	No	3500	26-1417	69.95
14⁷/₈ × 11"	1	White	No	1500	72-303	34.95

Fanfold Mailing Labels

Low As **6⁹⁵** Pkg./1000

1-Wide. 4¹/₂" carrier. Pkg. of 1000. 26-1328, 6.95

1-Wide. 4¹/₂" carrier. Pkg./5000. 72-402 .... 24.95

2-Wide. Pkg./2000. 72-401 ...... 15.95

3-Wide. Pkg./3000. 72-400 ...... 16.95

2-Wide. Dry gum. Pkg./2400. 26-1456 .... 9.95

Roll Printer Paper

Printer	Paper	Cat. No.	Qty./Price
CGP 115	4¹/₂" × 150'	26-1428	3/4 95
CGP 220	8¹/₂" × 75'	26-1333	3/9 95
CGP 220	8¹/₂ × 11" sheets	26-1341	250/6 95
TP-10	Thermal 4¹/₈" × 80'	26-1332	2/3 95
PT-210/TRP 100	Thermal 8¹/₂" × 100'	76-1003	6/24 95
PC-1	1³/₄" × 18'	26-3506	6/1 75
PC-2	2¹/₄" × 30'	26-3606	6/2 49
PC-3	Thermal 2¹/₄" × 7'	26-3592	5/2 49
PC-4	Thermal 1¹/₂" × 8¹/₂'	65-711	5/1 99
LP I/II/IV/VIII/200	8¹/₂" × 500'	26-1402	2/19 95
Plotter/Printer (26-1190)	9" × 90', 8¹/₂" pin-to-pin	26-1407	4 95
Quick Printer (26-1153)	Electrostatic 4³/₄" × 130'	26-1405	3/19 95
Quick Printer II (26-1155)	Electrostatic 2³/₈" × 75'	26-1412	2/4 95

Order Your Own Custom Forms from Any Radio Shack Computer Center

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. Visit your nearest Radio Shack Computer Center today to place your order for professional forms.

Get a Protective Dust Cover for Your System

System Dust Covers	Cat. No.	Each
Model 12/16/6000	26-526	7 95
Model III/4 or DT-1 Terminal	26-506	5 95
Color Computer 2/3	26-532	3 95
Tandy 1000/1200/2000/3000	26-541	9 95
Tandy 1000 EX	26-543	4 95
Printer Dust Covers		
DMP 105	26-530	3 95
DMP 130	26-534	3 95
DMP 430	26-535	4 95
DMP 2100/2110	26-525	4 95
DMP 2200	26-539	4 95
DW II & DWP 510/520	26-508	5 95
DW Printer w/ Tractor (except DWP 520)	26-538	5 95
DWP 220/230	26-537	4 95
Peripheral Dust Covers		
CCR 81 Recorder	26-517	2 95
DT-100 Monitor	26-540	4 95
Color Computer Disk Drive	26-542	3 95
Tandy 1000 EX Disk Drive or Hard Disk	26-544	3 95

- Protects Against Dust and Dirt
- Durable Vinyl With Reinforced Stitching on All Seams

Anti-Static Spray

5⁹⁵ Use on Equipment, Screen or Carpet

Helps eliminate problem-causing static. Safe. 16 fl. oz. 26-515 .... 5.95

Disk Cartridge

NEW LOW PRICE! **79⁹⁵**

Use with our 10-Megabyte Disk Cartridge System. Was $89.95 in RSC-16. 26-1372 .... 79.95

Printwheel Cleaning Kit

16⁹⁵

Clean clogged, recessed areas. 26-1320 .... 16.95
Refill Fluid and Pad. 26-1322 .... 5.95

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. 73-2003 .. 17.95

¹/₄" Data Tape Cartridge

34⁹⁵

Use with our TCS-100 Tape Cartridge System for 48 megabytes of archival storage. 450 ft. 26-1391 .... 34.95

Printwheel Binder

9⁹⁵

Protects printwheels from loss or damage. Holds nine wheels. For DW II, DWP 410/510. 73-2004 .... 9.95

50

DISKETTES AND DISK STORAGE

Certified 3½", 5¼" and 8" Unformatted Diskettes

Single-Sided Diskettes

Size	Tracks	Diskettes Per Pkg.	Cat. No.	Quantity Price Per Package		
				1-4 (Each)	5-9 (Each)	10-Up (Each)
3½"	80	3	26-415	15.95	14.49	13.49
	80	10	26-416	44.95	39.95	37.95
5¼"	40	1	26-305	2.19	1.99	1.89
	40	3	26-405	5.95	5.29	4.99
	40	10	26-406	15.95	14.49	13.49
8"	77	3	26-4904	10.95	9.95	9.29
	77	10	26-4906	34.95	31.95	29.95

Double-Sided Diskettes

Size	Tracks	Diskettes Per Pkg.	Cat. No.	Quantity Price Per Package		
				1-4 (Each)	5-9 (Each)	10-Up (Each)
3½"	80	3	26-417	16.95	15.29	14.49
	80	10	26-418	49.95	44.95	42.95
5¼"	40	3	26-411	6.95	6.29	5.95
	40	10	26-412	16.95	15.29	14.49
	80	3	26-409	8.95	7.95	7.49
	80	10	26-410	24.95	22.95	20.95
	80 (1.6Mb) High-Density	3	26-421	15.95	14.49	13.49
		10	26-422	44.95	39.95	37.95
8"	77	3	26-4961	12.95	11.95	10.95
	77	10	26-4960	39.95	35.95	33.95

- Fully Certified for Highest Reliability
- State-of-the-Art Formulation and Lubrication
- All Diskettes Are Unformatted, Double-Density, Soft-Sector

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. Always keep plenty of diskettes on hand. Stock up today.

5¼" Replacement Labels.
26-307 . . . . Pkg. of 54/1.95
8" Replacement Labels.
26-4955 . . . . Pkg. of 54/1.95

Radio Shack COMPUTER CENTER
DISKETTE CLUB Certified TRS-80 Diskettes **40% Savings**
Valid at Radio Shack Computer Centers and participating Stores and Dealers
Issued to:
By:
Get 40% off any 3-pack of diskettes each month for a year!

Get Your FREE Diskette Discount Card

An incredible offer! 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!

Diskette Storage Boxes

Low As 12⁹⁵

Available in 3 Sizes

Disks not included

Organize your floppy disks with five adjustable dividers. High-impact styrene.
3½". Holds 30. 26-1381 . . . . . . 12.95
5¼". Holds 50. 26-1362 . . . . . . 14.95
8". Holds 50. 26-4953 . . . . 24.95

Protect Your Diskettes

Diskettes not included

5¼" Wallet File. Rugged binder for long-term use. Anti-static vinyl pages. Holds 10 diskettes. 26-1366 . . . . 7.95
Universal 3-Ring Data Binder.
26-1310 . . . . 5.95
5¼" Disk Envelopes. Holds 2. Package of 10. 26-510 . . . . 7.95
8" Disk Envelopes. Holds 1. Pkg. of 10.
26-4907 . . . . 7.95

Disk Library Boxes

Low As 2⁹⁵

Available in 3 Sizes

Disks not included

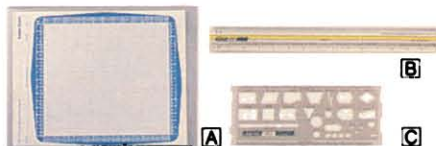Store like a book when closed, flip through disks when opened.
3½". Holds 5. 26-1380 . . . Pkg. 2/2.95
5¼". Holds 10. 26-1452 . . . . 4.95
5¼" Tote. Holds 5. 26-1348 . . . . 2.95
8". Holds 10. 26-4952 . . . . 5.95

Helpful Programming Aids

[A] [B] [C]

- Produce Professional Worksheets
- Create Easy-to-Follow Flowcharts

[A] **Model I/III Graphics Worksheets.**
26-2105 . . . . 100 Sheets/4.95
[B] **Printview Ruler.** 26-1313 . . . . . 3.50
[C] **Flowchart Template.**
26-1312 . . . . 3.95

Disk Drive Verifier Diskette

NEW FOR 87

29⁹⁵

For Tandy 1000 EX and SX, and 1200

Analyzes alignment, rotational speed index sensor position, clamping ability and write/read accuracy. Tandy 1000 requires 256K, Tandy 1000 EX requires 384K.
26-1370 . . . . 29.95

Disk Drive Head Cleaning Kits

Low As 7⁹⁵ Each

Kits for 3½", 5" and 8" Drives

3½" Kit. Single-sided. 26-419 . . . 9.95
NEW! 3½" Kit. Double-sided.
26-420 . . . . 9.95
5¼" Drive Kit. 26-408 . . . . 7.95
8" Drive Kit. 26-4957 . . . . 8.95

DELUXE BUSINESS PRINTERS

Dot-Matrix Power for Business

1695⁰⁰ Lease for Only $65 Per Month†

- IBM PC Compatible
- Prints 380 cps

DMP 2200. A versatile business printer. 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. Prints up to 380 characters per second. Uses 3″ to 16″ fanfold paper only (bottom or rear paper feed). Built-in tractor—not sprocket. 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.


Print Customized Type Styles

1295⁰⁰ Lease for Only $50 Per Month†

- IBM PC Compatible
- Prints 240 cps

DMP 2110. Use the Font Editing Packages (sold separately) to load different type styles for print quality that rivals a daisy wheel printer! Includes data processing, word processing and graphics modes. Prints up to 240 characters per second. Precision 24-wire print head. Parallel interface. Includes bi-directional tractor. U.L. listed.
26-2810 . . . . 1295.00

SPECIFICATIONS. Print Density: 10, 12 and 16.7 cpi, plus proportionally spaced and elongated. **Print Speed:** Standard 10 cpi—121 lpm/80 column, 84 lpm/132 column. Correspondence 10 cpi—33 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.

NEW FOR 87
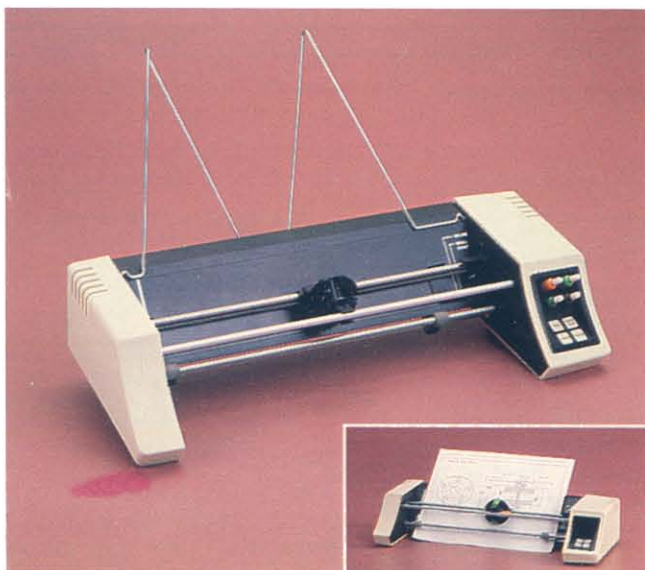
Turn Complex Numerical Data Into Charts and Graphs with Our 8-Color Digital Plotter

799⁰⁰ Low As $37 Per Month★

Create Pie Charts, Bar Graphs, Maps, Tables and More

PC-695. Create incredible graphics—in up to eight colors—and turn rows of numerical data into easy-to-understand graphics. Plot pie charts, tables, maps, bar graphs and more. Ideal for business information such as financial trends, production data and market forecasts. Prints on any high-quality bond paper. Features "self-test" mode. Includes standard hard nib pens in black, red, blue, green, lime green, brown, orange and magenta. Asynchronous RS-232C serial interface. U.L. listed.
26-2830 . . . . 799.00

SPECIFICATIONS. Print Speed: 3 inches per second axial, 4⁷/₃₂ inches per second diagonal. **Interface:** Asynchronous serial RS-232-C. **Buffer:** 256 bytes. **Baud Rate:** 300, 1200, 2400, 9600. **Dimensions:** 3³/₁₆ × 17¹/₂ × 7¹³/₁₆. **Weight:** 6¹/₂ pounds. **Power:** 120 VAC, 60 Hz, 5 watts.

AFFORDABLE TANDY PRINTERS

Produce Correspondence-Quality Text Using This 132-Column Printer with 18-Wire Print Head

699⁰⁰ Low As $33 Per Month★

IBM PC Compatible
Was $899.00 in Cat. RSC-16

DMP 430. 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. Get micro, italic and double-high fonts, too. Produces bit-image graphics at 7 or 16-bit columns. True pin-driven tractor—not sprocket. Prints original, plus two copies, at up to 180 characters per second. Parallel and Color Computer-compatible serial interfaces. U.L. listed.
26-1277 . . . . 699.00

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.

NEW LOW PRICE!

Triple-Mode "Personal Printer"

349⁹⁵ Low As $20 Per Month★

■ IBM PC Compatible
■ Prints Up to 100 cps

DMP 130. Features word processing, data processing and dot-addressable graphics modes. Prints in four character styles: Standard or italic cursive in draft or correspondence modes. Supports super/subscripts, double-width, bold, double-strike and microfonts. 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. Parallel and Color Computer-compatible serial interfaces. U.L. listed.
26-1280 . . . . 349.95

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★

■ Bit-Image Graphics
■ Prints 80 cps

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 (8 × 9 matrix) at 43 lines per minute at 10 characters per inch. Elongated and condensed modes. Prints up to 80 characters per second. 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

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.
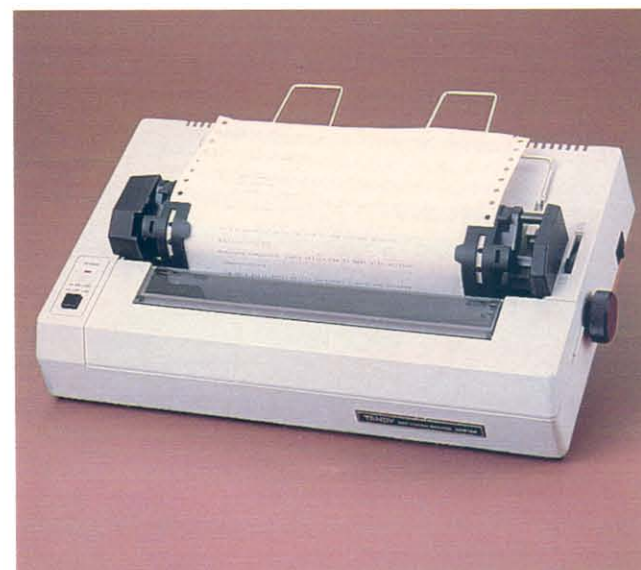
LETTER-QUALITY DAISY WHEELS

Our Best Daisy Wheel Printer

995⁰⁰ Low As $46 Per Month*

- IBM Compatible
- Prints 500 wpm

DWP 520. 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 96-character 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. Includes Courier 10 print wheel and carbon ribbon. U.L. listed.
26-2800 .... 995.00
DWP 520 Bi-Directional Tractor.
26-2801 .... 149.95

SPECIFICATIONS. **Print Speed:** 19 5 lpm at 10 cpi, 132 column. **Carriage Motion:** Unidirectional, optimal motion seeking. **Character Set:** 96 ASCII, plus special and international, 21 control codes. **Paper:** Up to 16" wide. Original, plus 5 copies. Friction feed. **Interface:** Parallel. **Dimensions:** 8 x 24 1/2 x 15 1/2" **Weight:** 28 lbs. **Power:** 120VAC, 60 Hz, 141 Watts.

Our Lowest-Priced Daisy Wheel

399⁹⁵ Low As $20 Per Month*

- IBM Compatible
- Prints 200 wpm

DWP 230. Now you can get full-featured letter-perfect printing for under $400. Select 10 or 12 characters per inch, or proportional pitch. Uses interchangeable 96-character print wheels. 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. "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. Includes Courier 10 print wheel and carbon ribbon. U.L. listed.
26-2812 .... 399.95
DWP 230 Bi-Directional Tractor. 26-2813 .... 99.95

SPECIFICATIONS. **Carriage Motion:** Bi-directional, optimal motion seeking. **Character Set:** 96 (modified ASCII, plus special international), 18 control codes. **Paper:** Up to 16" wide. Original, plus 3 copies. Friction feed. **Interface:** Color Computer-compatible serial and parallel. **Dimensions:** 6 5/8 x 24 3/8 x 13 3/8" **Weight:** 26 lbs. **Power:** 120VAC, 60 Hz, 60 Watts.

Printer Controller Saves Time

249⁹⁵ Low As $20 Per Month*

Frees Your Computer During Printing

PTC 64 Printer Controller. Now you can print one job while working on another! The PTC 64 assumes control of all printing operations. It accepts and stores information from your computer, then feeds it to your printer as fast as the printer can handle it. This means excellent throughput and no downtime because your computer's memory, processing power and disk drives are free for other tasks. Features a clear memory function, a pause function and a copy function for printing up to 100 consecutive originals. There are even 16 redefinable special characters, as well as unique programmable functions that will give you the option of downloading an alternate operating system to generate a new ASCII character set, graphics data and more by programming the built-in Z-80 microprocessor with the host computer. Activate functions from the panel keys or through software. Standard parallel printer interface. Cable not included. UL listed AC power module.
26-1269 .... 249.95

PRINTER/COMPUTER SUPPLIES

Simplify Your Computer/Printer Cable Connections with Our Printer Selector Interface

99⁹⁵ Low As $20 Per Month.

- Automatically Select Printer or Computer
- IBM Compatible

Printer Selector 2 Interface. Stop plugging and unplugging printer cables! Now you can easily connect two printers to one computer or two computers to one printer, then automatically switch between them with our Printer Selector 2 Interface. The appropriate printer/computer channels can be selected by automatic scanning (input channel only), software control codes (input and output channels), or the front panel switches (input and output channels). LED indicators show you which input channel is locked on and the output channel selected. If your printer is not equipped with IBM PC emulation, you can change the interface's mode setting from IBM to Tandy. The Printer Selector 2 Interface is compatible with any standard parallel printer. Cables not included. UL listed. 26-2820 . . . . . 99.95

NEW FOR 87

Daisy Print Wheels
Daisy Wheel II/DWP 410/510

DW II/410/510 Wheels	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
Cubic PS*	26-1425	7.95
Tile Italic*	26-1426	7.95

External Program Mode: ⁺Suggested. ¹Required. *Daisy Wheel II Only

DWP 210

DWP 210 Print Wheels	Catalog No.	Price
Courier 10	26-1467	9.95
Prestige Elite 12	26-1468	9.95
Venezia PS	26-1469	9.95

DWP 220

DWP 220 Print Wheels	Catalog No.	Price
Courier, 10 Pitch	26-1230	9.95
Letter Gothic, 12 Pitch	26-1231	9.95
Venezia PS	26-1232	9.95

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

Plotter Supplies

Pens for Multi-Pen Plotter (26-1191)—$3.95 each					
Color	Paper	Transparencies	Color	Paper	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
CGP 220 Black Ink Pack. 26-1281 . . . . 9.95
CGP 220 Tri-Color Ink Pack. 26-1282 . . . . 14.95
PC-695 Black Pens. 26-2831 . . . . Pkg. of 4/7.95
PC-695 Color Pens. Red, green, blue, black. 26-2832 . . . . 7.95
PC-695 Color Pens. Lt. green, brown, orange, magenta. 26-2833 . . . . 7.95

Replacement Printer Ribbons

Printer	Ribbon	Catalog No.	Each 1-11	12-Up
LP I, II, IV	Fabric Pack (3/PK)	26-1413	15.95	11.95
LP III, V	Fabric Cart.	26-1414	11.95	8.95
LP VI/VIII, DMP 400/420	Fabric Cart.	26-1418	11.95	8.95
LP VII, DMP 100	Re-inking Fabric	26-1424	8.95	6.70
DMP 110	Re-inking Fabric	26-1283	7.95	5.95
DMP 130	Cartridge	26-1236	10.95	8.20
DMP 130	Refill (3/PK)	26-1238	12.95	9.70
DMP 500	Fabric Cart.	26-1482	13.95	10.45
DMP 120, 200	Fabric Cart.	26-1483	15.95	11.95
DMP 120, 200, 500, 430	Refill Pack (3/PK)	26-1489	15.95	11.95
DMP 105	Fabric Cart.	26-1288	7.95	5.95
DMP 430	Fabric Cart.	26-1296	15.95	11.95
DMP 2100, 2100P, 2110	Fabric Cart.	26-1442	13.95	10.45
DMP 2200	Cartridge	26-1233	39.95	29.95
DMP 2200	Refill	26-1234	14.95	11.20
LMP 2150	Cartridge	26-1287	12.95	9.70
TRP 100	Thermal Film	26-1297	3.95	2.95
TRP 100	Refill Rolls (5/PK)	26-1298	9.95	7.45
DW II, DWP 410, 510	Carbon Film Cart. Multi-Strike (3/PK)	26-1419	21.00	15.75
DW II, DWP 410, 510	Nylon Cart.	26-1449	10.95	8.20
DWP 520, 230, 210	Carbon Film Cart. Multi-Strike (3/PK)	26-1445	17.95	13.45
DWP 520, 230, 210	Fabric Cart.	26-1458	8.95	6.70
DWP 220	Multi-Strike	26-1299	17.95	13.45
DWP 510	Blue M/S	26-1285	6.95	5.21
DWP 510	Brown M/S	26-1286	6.95	5.21
PC-1	Printer Ribbon	26-3507	2.75	2.75

Radio Shack is the World's Largest Computer Retailer