Yes, it does "windows" too!

The '306 does "windows" in two ways, not just one! The simplest is through what Kreider calls "virtual consoles". Essentially, the computer runs as if it had many terminals connected, but all use the same monitor and keyboard. Screens are switched by using an easy "ALT- F#" combination keystroke... similar to CoCo Level II screens and the MM/1's K-Windows. There is also a true GUI called MGR*. This was written by Bellcore of Europe. It is very similar to Microsoft Windows, GEOS, and Tandy's Multi-Vue. Two "windows" systems instead of one... take THAT, Microsoft and Intel!!!

* Currently, there is little MGR specific software.

Down to the brass tacks: Prices and ordering information.
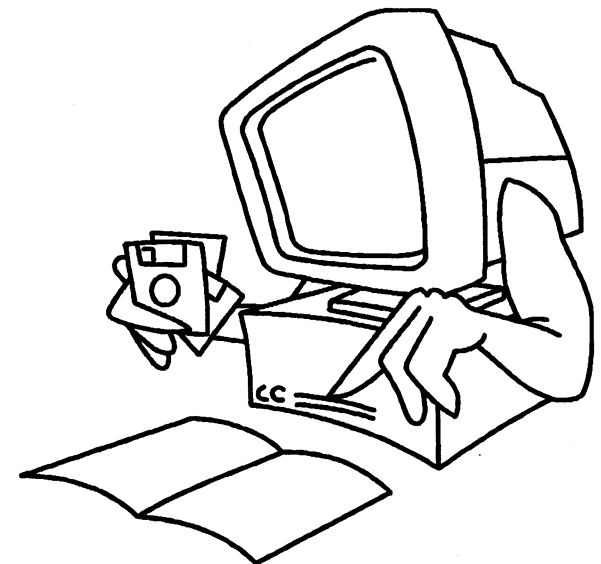
Hacker's mini-kit: $500.00
Build your own! Includes 3 slot 306 board, Trident video card, OS-9, utilities, and software, all ready to go! Add a case, power supply, 3.5" HD floppy, keyboard, and VGA monitor (go ahead and gut that old 386... *upgrade it to a '306 today!*). A ready to run boot disk is included.

Complete Systems:
FARNA builds complete systems to order. A typical, ready to run system that suits most users needs starts at $960 without a monitor. Call or write with your needs for specifics. All systems come pretested and ready to run... just plug in and turn it on!

FARNA Systems

The AT306

A real OS-9/68000 computing machine!

What is an AT306?

The AT306 is a 68306 based computer designed specifically for the OS-9 hobby user. It was built to take full advantage of all the built-in features of Motorola's 68000 core embedded processors. This reduces chip count for the motherboard and therefore reduces cost. An other cost saving feature is the use of a PC type multi I/O chip. This single IC provides a floppy interface supporting all currently available floppy drives, from 160K single sided 5.25" drives up to 2.88M 3.5" models, and IDE hard drive interface supporting up to two devices, two fully complient RS-232 serial ports, a bi-directional parallel printer port, AT style keyboard interface, and even a PS-2 style mouse port.

What version of OS-9 does an AT306 run?

When Kreider Electronics decided to build a hobbyist computer, they realized that a big obstacle was the cost of licensing Professional OS-9. The operating system alone for most other low-cost systems was $200 on average! Kreider decided not to license the Professional package. Instead, a license was purchased for "Atomic" OS-9. Microware sells license packages two ways: a complete desktop environment (Professional version) and a version intended for embedded systems (Atomic version). The Atomic package lacks a lot of features and drivers that the Professional version has since the target is usually an embedded processing board of proprietary design. Kreider then added a few necessary components from Microware to ensure compatability then wrote most of the other necessary drivers and some utilities themselves. Many freeware utilities are also used.

Designed for easy expandability...

Since the AT306 was designed by a hobbyist for the hobbyist market, it has all the features most hobbyists want and need. Since it will accept up to five standard 16 bit PC type expansion cards. almost any peripheral can potentially be connected (someone will have to write drivers though!). The most needed items are already supported (Trident 8900 and Hercules Dynamite Pro video cards, Adaptec AH15xx and Future Domain 1680 SCSI interfaces). And to top it all off, there are plans for a 68340 (68020 core) and a 68360 (68040 core) processor upgrade! With the designed in expansion capability, almost any 68xxx processor could find its way into a '306 in the future.