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DESKTOP BUSINESS COMPUTER

alpha micro

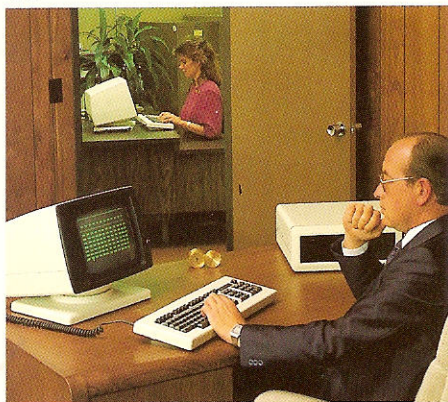
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THE AM-1000 OUTDOES THEM ALL

Don't let the AM-1000 fool you. Despite its space-saving size, it outperforms just about everything in its class.

For starters, the AM-1000 uses the most advanced microprocessor in the industry—the 68000. It's advanced because it works much faster than other microprocessors, which means it can process efficiently for many users at the same time.

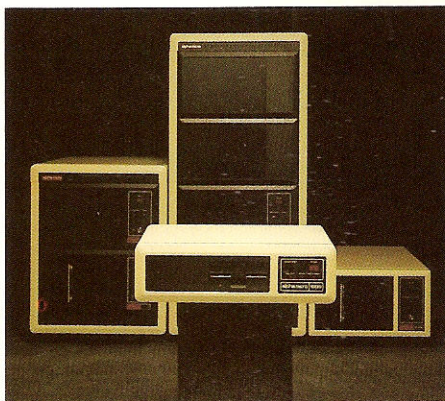
Multi-user—that's another plus. Many desktop systems only handle one user; some can accommodate two or three. But how many can serve the needs of seven users simultaneously and still have room to attach a printer? The AM-1000 can. So one person can run an accounts payable program, while another does the payroll, while still more people use word processing or some other application.



The AM-1000 also has a memory capacity of 384KB*, so it can keep over 384 thousand characters of information in its memory at one time. The AM-1000's long-term storage capacity is even more impressive. It provides 10 megabytes of disk storage—enough to store over 5,000 pages of double-spaced text—all still in one compact box sitting on the desk next to your telephone. If you need more disk storage, you just add more disk drives. The AM-1000 can expand to as much as 70 megabytes to accommodate a growing company.

DON'T SPEND MONEY REDEVELOPING SOFTWARE

When you consider nothing more than speed, multi-user capability, and generous storage capacity, it's easy to see that the AM-1000 is economically priced. But the most cost-efficient feature of the



AM-1000 is that it gets along very well with all the other members of our computer family. Software that runs on the AM-1000 can also run on our larger systems, even the 400 megabyte AM-1092. So as your business grows, you can transfer your accounting, order entry, inventory, or other programs to a new and larger system **without** expensive reprogramming and time-consuming conversions. That's something else many companies don't offer.

JUST THE RIGHT MODEL

The AM-1000 comes in several models, so you can get just the right combination of features to meet your needs:

DUAL FLOPPY—Two .8MB Dual-Floppy Disk Drives
WINCHESTER—10MB Winchester Disk with VCR Backup Capability
WINCHESTER/FLOPPY—10MB Winchester with .8MB Floppy Disk

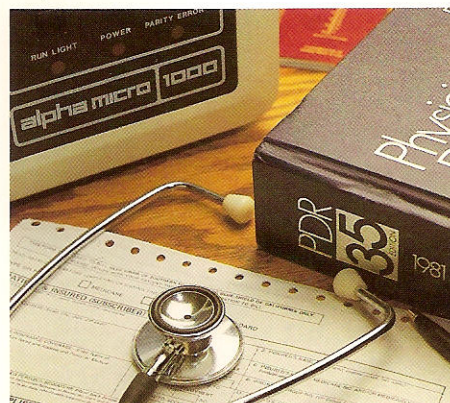
EXTENSIVE SOFTWARE INCLUDING CP/M®

Hundreds of ready-to-run business packages have been developed exclusively for Alpha Micro computers—everything from auto parts maintenance to medical office management programs. AlphaWRITE™, Alpha Micro's word processing package, is available to

satisfy your word processing needs; and the AM-1000 can run BASIC, FORTRAN, COBOL**, and assembler programming languages.

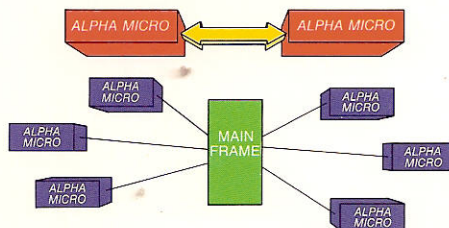
But that's only part of the software available for the AM-1000. With our CP/M option, you can also use most of the vast library of CP/M programs sold today in computer stores throughout the world. That includes everything from financial spreadsheet programs to date base managers.

Talk with your Alpha Micro dealer about getting the software that best fits your particular business requirements.



DATA COMMUNICATIONS FOR MORE PROCESSING POWER

The power of the AM-1000 is not confined to the desk in your office. With our bisynchronous communications option, your desktop system can communicate with other



Alpha Micro systems, with most IBM mainframes, and with other computers that use IBM's 2780/3780 communications protocols. You can transfer practically any kind of information, including text, computer programs, and ASCII files. And, you can take advantage of the large-scale processing power of mainframe computers, while continuing work on the AM-1000. The network may be as simple as two Alpha Micro systems in a single location, or as sophisticated as a large mainframe

*Standard memory is 128KB. Another 128KB or 256KB can be added by inserting a second memory board.

**COBOL for the AM-1000 will be available soon



hosting Alpha Micro systems distributed around the country.

CLOCK AND CALENDAR

For convenience, the AM-1000 keeps track of the time of day and the date. This information can be displayed on the video display terminal and can be printed on reports automatically, so you always know when the printing occurred. Using a back-up battery, the clock and calendar keep running even if electrical power to the computer stops.

VIDEO CASSETTE BACKUP—AN ALTERNATIVE

We do offer the conventional floppy-disk data backup—just like

everybody else. It's fast and reliable. But we give you an innovative alternative that offers increased storage capacity at a reduced cost. With our VCR interface, you can copy up to 100 megabytes of data to a standard video cassette tape, using a standard video cassette recorder. The same cassette copy can then be stored on the shelf or transferred to any other Alpha Micro system. An added convenience is night-time backup. Using its built-in clock and calendar, the AM-1000 can automatically copy your data to a video tape cassette after hours,

every evening—with **no** operator present.

EVERYTHING A COMPUTER'S SUPPOSED TO BE—EXCEPT EXPENSIVE

When it comes to price/performance, we've got the biggest names in the industry beat. It's very simple. We offer more computing capability for less money. So why pay more for a system that can't do the job as well as the AM-1000? Or, why pay only a little less for a system that offers no room to grow?

Talk with your local Alpha Micro dealer, or give us a call at 800-854-8406, or collect at 714-641-0386.

S P E C I F I C A T I O N S

MICROPROCESSOR

TYPE: MC68000

MEMORY ADDRESSING: 24 bits

DATA TRANSFER: 16 bits

REGISTERS: 32-bit (8 data, 7 address, 2 stack)

REAL TIME CLOCK: Calendar/time-of-day clock with battery backup; programmable interval timer.

CPU POWER REQUIREMENTS:

115 volts @ 5 amps or 230 volts @ 2.5 amps.

INPUT/OUTPUT STANDARD:

Three serial RS-232 I/O ports.

INPUT/OUTPUT EXPANSION:

Four additional serial RS-232 ports and one parallel Centronics printer port with integration of AM-1003 board. When either CP/M or AlphaRJE is used, only two serial ports are available for terminal or printer connection.

MEMORY:

128KB standard

MEMORY EXPANSION:

Additional 128KB or 256KB with memory expansion boards. Maximum memory is 384KB.

MASS STORAGE AND BACKUP:

WINCHESTER DRIVE: 5¼"; 10MB

FLOPPY DRIVE: 5¼"; 800KB

VIDEO CASSETTE: Video cassette recorder interface.

Allows 100MB to be transferred to standard video cassette tape using standard video cassette recorder.

MASS STORAGE EXPANSION:

Single (10MB) and dual (20MB) winchester drive subsystems. Up to three additional subsystems may be connected for a maximum capacity of 70MB.

SYSTEM DIMENSIONS:

WIDTH: 20.25" (51.43cm)

DEPTH: 15" (38.1cm)

HEIGHT: 6.5" (16.5cm)

WEIGHT: 23 to 29 lbs. (10.4kg-13kg), depending on model.

OPERATING ENVIRONMENT

TEMPERATURE: 60 to 90°F (15.6-32.2°C). 10°C/hr. max. fluctuation

HUMIDITY: 20% to 80% humidity

EMI: Meets U.S. FCC rules and regulations, Class A

SOFTWARE AVAILABLE SEPARATELY:

OPERATING SYSTEM: AMOS/L—multi-user, multi-tasking, timesharing, disk-based system; three-pass assembler; linkage editor; symbol file generator; symbolic debug routine; support file management.

CP/M: With addition of AM-1003 board

LANGUAGES: AlphaBASIC®, FORTRAN 77, COBOL*, macro-assembler

COMMUNICATIONS: AlphaRJE™ offering 2780/3780 bisynchronous communications, with addition of AM-1003 board

WORD PROCESSING: AlphaWRITE

*COBOL for the AM-1000 will be available soon.

S U M M A R Y O F F E A T U R E S

- Can Support 7 Users
- Memory Expands To 384KB
- 10MB Winchester Disk Storage
- Storage Expands To 70MB
- Word Processing Available
- Extensive Software Including CP/M Available
- Supports BASIC, FORTRAN, COBOL*, Assembler
- Data Communications Available
- Software Can Be Used On All Other Alpha Micro Systems **Without** Modification.

*Available soon.

