



FEATURES

- ▲ Support for up to 8 users in a desk top system
- ▲ Intel 80286-based system operating at 7.5 MHz with zero wait states
- ▲ 1 MB RAM expandable to 3 MB
- ▲ Up to 240 MB (unformatted) disk storage with 160 MB in external enclosures
- ▲ Dedicated Z-80 based processor for increased serial I/O performance
- ▲ Integral 1.6 MB Floppy disk drive
- ▲ Integral 80188-based WorkNet LAN Board
- ▲ Optional Floating Point co-processor
- ▲ Optional 60 MB ¼-inch streaming Tape Drive
- ▲ Industry standard XENIX® 3.0 operating system
- ▲ Supports Mainframe communications
- ▲ Wide range of proven applications languages and communications products
- ▲ Applications compatible with most IBM PC/AT software under XENIX



▲ The Altos 886 represents a new standard in microprocessor power and design. This 8 user system contains features usually found only in larger minicomputer configurations. Packaged in a convenient desktop enclosure, the Altos 886 boasts ample disk storage, tape backup, and supports a wide range of XENIX® based applications software.

▲ *Performance*

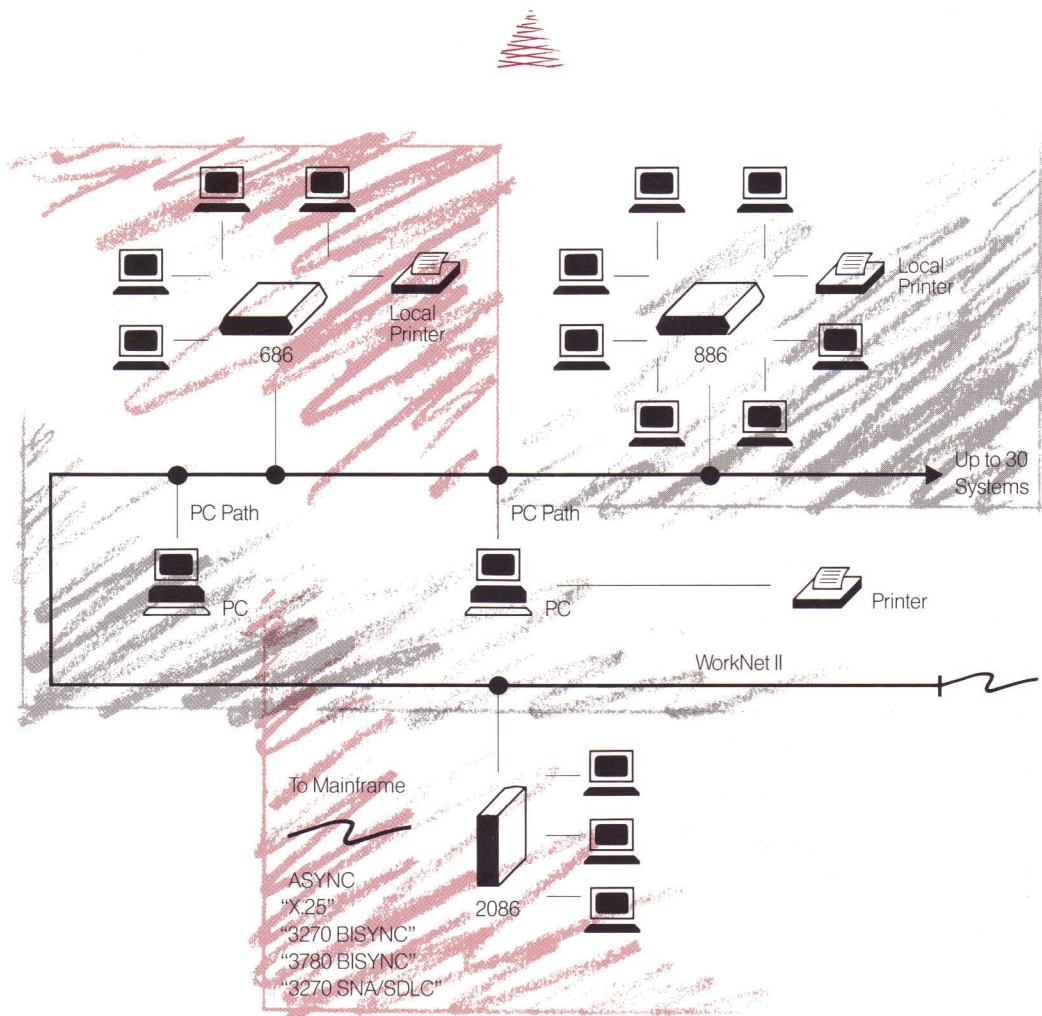
The Altos 886 uses the 80286 microprocessor, running at 7.5 megahertz, to insure excellent user response. Each system comes with one megabyte of RAM, expandable to three megabytes. To further improve response, a dedicated Z80B microprocessor is designated to support eight I/O ports. The 886 also contains a third microprocessor, an 80188 with its own memory, to provide the Altos Worknet II® (Local Area Network) interface and an additional serial port for asynchronous usage.

▲ *Expandability and Compatibility*

As your needs grow, so can the Altos 886. Two additional 80 MB (unformatted) external hard disks can be added for a system total of 240 megabytes. RAM can be upgraded to 3 megabytes per system. The Altos 886 can read and write IBM PC/AT diskettes, and can run most software written for the PC/AT under XENIX.

▲ *Configuration Summary*

<i>Model Number</i>	<i>Number of Users</i>	<i>I/O Ports Ports</i>	<i>RAM Memory</i>	<i>CPU</i>	<i>Disks</i>	<i>Tape Drive</i>
886-25	1-8	9	1 MB	80286 7.5 MHz	Floppy, 1.6 MB Winchester 25 MB, 85 msec	None
886T-25	1-8	9	1 MB	80286 7.5 MHz	Floppy, 1.6 MB Winchester 25 MB, 85 msec	¼" 60 MB Streaming
886T-50	1-8	9	1 MB	80286 7.5 MHz	Floppy, 1.6 MB Winchester 50 MB, 35 msec	¼" 60 MB Streaming
886T-80	1-8	9	1 MB	80286 7.5 MHz	Floppy, 1.6 MB Winchester 80 MB, 35 msec	¼" 60 MB Streaming



▲ **Communications**

The Altos 886 supports a wide variety of communications software products. While the system can stand alone as a multi-user computer, the standard WorkNet Communications Board, allows the system to become a node with the Altos WorkNet LAN. It can also become a file server for users of MS-DOS through an enhanced version of WorkNet called, Altos PC Path™. For Mainframe communications, 3270 BSC and 3780 BSC support is offered. The Altos 886 can also access remote databases and timesharing systems through standard modems.

▲ **Software**

The system runs XENIX 3.0, an enhanced version of UNIX™ System III. This operating system software combined with a comprehensive set of application software solutions, available from Altos, can effectively meet the demands of most commercial computing environments.

▲ **Languages**

The Altos 886 provides a powerful development environment. An optimized C-Compiler is available in conjunction with a wide range of industry standard languages including; BASIC, COBOL, DBL, FORTRAN, and Pascal.

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

▲ *Microprocessor*

CPU	80286
Data/Instruction Word Size	16-bit
Bus Size	16-bit
Clock Frequency	7.5 Megahertz
Optional Floating Point Processor	80287

▲ *RAM Memory*

Configured	1 MB
Maximum	3 MB

▲ *I/O Control*

Terminal Processor	Z80B
Communication Processor	80188
Maximum Terminal Speed	19.2K Baud
WorkNet Transmission Speeds	1.4 and 0.7 Megabits/second

▲ *Ports*

Asynchronous Serial	7
Asynchronous/ Synchronous Serial	2
RS-422/WorkNet II®	1
External Disks	1

▲ *Hard Disk*

Configured Number of Drives	1
Maximum Number of Drives	3
Physical Size	5¼ inch
Unformatted/Formatted Capacity	80 MB/63 MB or 50 MB/40 MB

▲ *Floppy Disk*

Number of Drives	1
Physical Size	5¼ inch
Unformatted/Formatted Capacity	1.6 MB/1.2 MB

▲ *Tape Drive*

Number of Drives	1
Physical Size	5¼ inch
Tape Speed	90 inches/second
Back up Time/60MB	20 minutes

▲ *Physical Characteristics*

Width	17"
Height	6"
Depth	18"
Weight	36 lbs.

▲ *Environmental and Safety Standards*

Meets FCC Docket 20780 class A requirements.	
Conforms to IEC 380 standard VDE 871 class A.	
UL, CSA and TÜV (VDE 806) approved.	
Operating Temperature Range	60-90° F 15-32° C
Relative Humidity Range (noncondensing)	20-80%
Power Dissipation	500 watts

▲ *Software Availability*

Since the 886 runs Xenix 3.0, users can avail themselves of the increasing library of applications offered for Xenix on the market today. Additionally, users can purchase directly from Altos many vertical applications, office productivity software and industry standard languages such as COBOL, FORTRAN, BASIC and others.

▲ *Warranty*

This Altos product carries a 90-day limited warranty.

▲ *Ordering Information*

Each system is configured with 1 MB RAM, nine RS-232 ports, WorkNet Port, hard disk, floppy drive, Operating System, and Owner's Guide.

Please contact your Altos reseller to order the Altos 886 or other related products.



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