

Altos 586 System

FEATURES

- ★ 10 MHz 8086 CPU
- ★ 5 user multi-tasking system (5 more RS232C ports optional)*
- ★ 1 MB double-sided/double-density floppy disk drive (unformatted)
- ★ 12 - 40 MB Winchester (unformatted)
- ★ 512 KB - 1 MB RAM
- ★ Intelligent disk/tape and serial I/O controllers
- ★ Proprietary memory management
- ★ Time of day clock with battery backup
- ★ Power-fail detection
- ★ Self-diagnostics at power-up
- ★ Multibus expansion option
- ★ ALTOS-NET port (standard)
- ★ Communications hardware (optional)
 - Ethernet™
 - 1200 baud auto-answer, auto-dial Bell 212A compatible modem*

*Available at future date



NOTE: Prices, product offerings and availability are subject to change without notice.

Altos 586 Specifications

MICROPROCESSOR

Model	8086
Technology	NMOS
Data word size	16-bit
Instruction word size	16-bit
Clock frequency	10 MHz

RAM MEMORY

Capacity (standard)	512 KB
(maximum)	1 MB
Cycle time	375 ns

I/O CONTROL

I/O processor	Z80A
DMA processor	8089
Type of interrupt system	Vectored
Serial RS232C ports	6
ALTOS-NET™ port	

FLOPPY STORAGE

Number of drives	1
Physical size	5¼"
Unformatted capacity	1 MB
Density	Double
Sides	2
Data transfer rate	250 Kb/sec
Access time (average)	132 msec

WINCHESTER DRIVES

Number of drives	1
Physical size	5¼"
Unformatted capacity	12 MB
3rd Qtr '83	40 MB
Data transfer rate	5 MB/sec
Access time (average)	
12 MB	85 msec
40 MB	45 msec

OPERATING SYSTEMS

XENIX™
MP/M 86™
PICK™
OASIS 16™

LANGUAGES

Microsoft Basic Interpreter	Level II Cobol™
Microsoft Basic Compiler	Microsoft Pascal
C Basic-16™	Softbol™ (DEC Dibol compatible)
Business Basic III™	Microsoft Fortran
RM/COBOL™	Fortran - 77™

DATA BASE MANAGEMENT SOFTWARE

Informix™ Relational DBMS
C-ISAM™ File Access Manager

COMMUNICATIONS SOFTWARE

Ethernet™
ALTOS-NET™
3780 IBM Bisynchronous*
3270 IBM Cluster Terminal Controller/Emulator*
SNA/SDLC IBM Bisynchronous*

OPTIONAL MASS STORAGE ADD-ONS

12 MB (unformatted) Winchester disk with intelligent controller
40 MB (unformatted) Winchester disk with intelligent controller
17 MB (unformatted) magnetic tape cartridge

PHYSICAL CHARACTERISTICS

Width	16⅞"
Height	6"
Depth	18"
Weight	33 pounds

ENVIRONMENTAL AND SAFETY STANDARDS

Meets FCC docket 20780 Class A requirements
UL approved
CSA approved
Designed to meet VDE requirements
Ambient temperature range 15 - 32°C
50 - 90°F
Relative humidity (non-condensing) 20 - 80%
Power dissipation 250 watts

*Available at future date

IMPORTANT NOTES:

OASIS is a trademark of Phase One Corp.
C Basic-16 is a trademark of Digital Research
Business Basic III is a trademark of Science Management Corp.
RM/COBOL is a trademark of Ryan McFarland
Level II COBOL is a trademark of Microfocus
Informix is a trademark of Relational Database Systems, Inc.
C-ISAM is a trademark of Relational Database Systems, Inc.
Ethernet is a trademark of Xerox Corp.
ALTOS-NET is a trademark of Altos Computer Systems

ALTOS COMPUTER SYSTEMS

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