



## Product List

Effective February 1, 1983

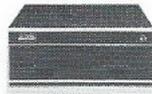




# 8-Bit Systems

## Z80™-Based, Multi-User Winchester Hard Disk and Floppy Systems

INCLUDES MP/M II™ OPERATING SYSTEM



Altos Series 5-15D



Altos Series 5-5D



Altos 580-10

8 B I T	Model No.	Number of Users	RAM Memory	CPU	Type of 5 1/4" Floppy Disk Drive	No. of Floppy Disks	I/O Ports		Floppy Disk Storage	5 1/4" Winchester Storage	Suggested List Price
							Ser	Par			
	Series 5-15D	1-3	192Kb	Z80A	Double-sided	2	4	1	2 Mb	—	\$2,990
	Series 5-5D	1-3	192Kb	Z80A	Double-sided	1	4	1	1 Mb	6 Mb	\$5,490
	580-10	1-3	192Kb	Z80A	Double-sided	1	4	1	1 Mb	12 Mb	\$6,490



ACS8000-15



ACS8000-10, -12 or -14

INCLUDES MP/M II OPERATING SYSTEM

8 B I T	Model No.	Number of Users	RAM Memory	CPU	Floppy Disk Controller Density*	Type of 8" Floppy Disk Drive	No. of Floppy Disks	I/O Ports		Floppy Disk Storage	8" Winchester Storage	Suggested List Price
								Ser	Par			
	ACS8000-15	1-4	208Kb	Z80A	Double	Single-sided	2	6	1	1 Mb	—	\$ 4,990
	ACS8000-10	1-4	208Kb	Z80A	Double	Single-sided	1	6	1	1/2 Mb	10 Mb	\$ 7,490
	ACS8000-12	1-4	208Kb	Z80A	Double	Single-sided	1	6	1	1/2 Mb	20 Mb	\$ 8,990
	ACS8000-14	1-4	208Kb	Z80A	Double	Single-sided	1	6	1	1/2 Mb	40 Mb	\$10,990

\* Floppy controller may operate in either single or double density modes.

# 16-Bit Systems

## 8086-Based, Multi-User Winchester Hard Disk and Floppy Systems

16 B I T	Model No.	Number of Users	RAM Memory	CPU	Floppy Disk Controller Density	Type of 5 1/4" Floppy Disk Drive	No. of Floppy Disks	I/O Ports		Floppy Disk Storage	5 1/4" Winchester Storage	Suggested List Price
								Ser	Par			
	586-10	1-5	512Kb*	8086	Double	Double-sided	1	6	—	1 Mb	12 Mb	\$ 7,990

\*RAM memory can be extended to 1 Mb by adding a 512Kb expansion board (RAM U/K-2) to the 586-10.



Altos 586-10

16 B I T	Model No.	Number of Users	RAM Memory	CPU	Floppy Disk Controller Density	Type of 8" Floppy Disk Drive	No. of Floppy Disks	I/O Ports		Floppy Disk Storage	8" Winchester Storage	Suggested List Price
								Ser	Par			
	ACS8600-12	1-8	512Kb*	8086	Double	Single-sided	1	8	1	1/2Mb	20Mb	\$12,500
	ACS8600-14	1-8	512Kb*	8086	Double	Single-sided	1	8	1	1/2Mb	40Mb	\$14,500

\*RAM memory can be expanded to 1 Mb by adding a 512Kb expansion board (RAM U/K-1) to the ACS8600-12 or -14.



ACS8600-12 or -14

**NOTE:** 1) Prices, product offerings and availability dates are subject to change without notice.  
2) Storage capacities of floppy disks and Winchester Disks denote unformatted capacities.



## Operating Systems

OPERATING SYSTEMS	Manufacturer	8-BIT	16-BIT	
		Series 5, 580 or ACS8000	ACS8600	586
CP/M®	Digital Research, Inc.	\$200	—	—
MP/M II™	Digital Research, Inc.	\$500	—	—
MP/M-86™	Digital Research, Inc.	—	\$ 650	\$ 650
OASIS (multi-user)	Phase One Systems, Inc.	\$850	—	—
OASIS-16 (multi-user)	Phase One Systems, Inc.	—	—	\$1,495*
XENIX™ (UNIX™) RUN TIME	Microsoft, Inc. (under license from Western Electric)	—	\$ 995	\$ 995
XENIX™ (UNIX™) EXTENDED UTILITIES PACKAGE	Includes: XENIX RUN TIME, C Compiler, Fortran 77 & major development utilities	—	\$1,995	\$1,995
PICK	Pick Systems 10-20 Mb systems	—	—	(To be Announced)
MS™-DOS	Microsoft, Inc.	—	—	\$ 200*

\*Available 2Q '83

## Altos Applications Software

Applications	Z80 Series 5, 580 or ACS8000 Price	8086 16-BIT XENIX 586 or ACS8600 Price
Altos Executive Word Processor*	\$ 295	\$ 295
Altos Executive Financial Planner	\$ 295	\$ 295
Altos Executive Word Processor and Financial Planner	\$ 495	\$ 495
Altos Accountant**		
(includes Altos Computer Tutor (ACT) and seven accounting modules)	\$2,495	\$2,995 see ABS/86
Altos Data Base Management System—INFORMIX™ (XENIX only)	—	\$1,600
ABS/86—ALTOS Business Solutions for 8086 Based 16-BIT Systems Includes: XENIX/UNIX, user friendly shell and CP/M® emulator Altos Business Basic III ALTOS ACCOUNTANT with ALTOS COMPUTER TUTOR (ACT) and seven accounting modules ALTOS EXECUTIVE WORD PROCESSOR ALTOS EXECUTIVE FINANCIAL PLANNER	—	All for \$3,990
Altos File Management System (C-ISAM™) (for XENIX)	—	\$ 450

\* Please refer to Altos Executive Word Processor capabilities sheet for details.

\*\*The Altos Accountant is designed to run only with hard disk systems.

## Upgrade Kits

Z80 Family	8086 Family	Description	Price
U/K 5	—	6 Mb HD for Series 5-15D and 5-5D	\$3,990
U/K-10	—	12 Mb HD and HD Controller (ACS8000-10 & -15)	\$5,000
U/K-14	U/K-14 8600	40 Mb HD (U/K-14 8600—ACS8600-12 & -14) (U/K-14—ACS8000-15, -12 & -14)	\$7,000
—	RAM U/K-1	512 Kb additional RAM (ACS8600 only)	\$1,990
—	RAM U/K-2	512 Kb additional RAM (586 only)	\$1,990
Add 2	—	Two Single-sided 8-inch drives	\$2,000
—	U/K-10 586	12 Mb HD and intelligent HD Controller 586-10 only	\$5,000

NOTE: A maximum of one additional Winchester Disk Drive may be added to each computer.

### Abbreviations:

HD = Winchester Hard Disk      Kb = Kilobytes  
U/K = Upgrade Kit                Mb = Megabytes  
MU = Multi-User                 MTU = Magnetic Tape Unit

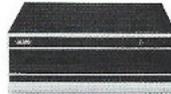
NOTE: 1) Prices, product offerings and availability dates are subject to change without notice.  
2) Storage capacities of floppy disk and Winchester Disks denote unformatted capacities.



**STAND-ALONE MAGNETIC TAPE CARTRIDGE BACKUP UNIT**

**CAN BE ADDED TO ANY 8-INCH HARD DISK SYSTEM**

— Each MTU Cassette will store 17 Mb unformatted



MTU-2 or  
MTU-3

Model No.	For Add-ons to Model No.	Suggested List Price
MTU-2	For Model No. ACS8000-10, -12 & -14	\$2,995
MTU-3	For Model No. ACS8600-12 & -14	\$2,995

LANGUAGES	Z80-Series 5, 580 or ACS8000	Altos 586 or ACS8600		
	CP/M or MP/M II	MP/M-86	XENIX	MS-DOS* (586 ONLY)
BI-280™ Altos Business Basic II	\$ 495	—	—	—
Altos Business Basic III	—	—	\$ 495	—
CBASIC™	\$ 200	—	—	—
CBASIC-86™ (interpreter)	—	\$600	—	—
CBASIC-16™	—	—	\$ 750	—
CB-80™	\$ 500	—	—	—
MICROSOFT BASIC™	\$ 350	—	—	—
MICROSOFT BASIC COMPILER™	\$ 395	—	\$ 500	\$500*
MICROSOFT BASIC-86™	—	\$600	\$ 750	\$350*
MICROSOFT COBOL	\$ 750	—	—	\$750*
R/M COBOL™	\$ 750	\$995	\$ 995	—
R/M COBOL™ (RUN TIME ONLY)	\$ 275	\$400	—	—
CIS COBOL™	\$ 850	\$850	—	—
Level II CIS COBOL™	—	—	\$1,600	—
MT + PASCAL™	\$ 475	\$600	—	—
MICROSOFT PASCAL-86™	—	—	—	\$750*
MICROSOFT FORTRAN-80™	\$ 500	—	—	—
MICROSOFT FORTRAN-86™	—	—	—	\$750*
SOFTBOL™ COMPILER (DIBOL 11 COMPATIBLE)	\$2,500* (CP/M only)	—	\$2,500*	—
SOFTBOL (RUN TIME ONLY)	\$250 (CP/M only)	—	\$ 250	—

COMMUNICATIONS:	8-BIT	16-BIT XENIX only
<b>ETHERNET™</b> (ALTOS implementation) (ACS 8600 only) Controller chassis and UNET™ software. Transceiver not included.	—	\$2,500
<b>ALTOS-NET™</b> (586 only) Local inter-Altos network. (High speed twisted pair)	—	\$ 295
ASYNC—Altos Asynchronous Communications Package	\$150	—
SYNC—Altos 2780/3780 IBM BiSynchronous Package	\$500	\$ 500*
ALTOS 3270/3276—IBM Cluster Terminal Controller/Emulator	\$750	\$ 750*

\*Available 2Q\*83

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

**Sales Offices**

Chicago .....	(312) 490-1014
Dallas .....	(214) 458-2305
New York .....	(914) 681-0102
San Jose .....	(408) 946-6700
Washington, D.C. ....	(703) 448-9087
Canada .....	(416) 864-0740
West Germany (European Headquarters) .....	(089) 871-1071
France .....	(33-1) 772-2662
United Kingdom .....	03446 77911



**WORLD HEADQUARTERS**  
2641 Orchard Park Way, San Jose, California 95134  
Telephone (408) 946-6700  
Telex: 470642 ALTO UI