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*Italics indicate that pricing is based on CSSC having the option of shipping a third-party item of identical functionality.
If you require an OEM part please call for current pricing.
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ALTOS MODELS 186,486,586,986,586T,986T



EFFECTIVE DATE - OCT. 1, 1990

CPU'S

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-13075-001	CPU 186	1412	424
615-15635-001	CPU 486	1023	297
615-12160-001	CPU 586/986	1109	333
615-12160-004	CPU 586T/986T	1032	310

TAPE DRIVES, SEE TAPE DRIVE SECTION (K)

MISCELLANEOUS

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
185-13887-001	FAN 586/986&T's 115 VAC	27	N/A
500-15059-001	FAN 486 (CANON)	24	N/A
500-14162-001	FAN 186	45	N/A
BAT-586	BATTERY	9	N/A
TAPE-586	TAPE BACKUP SYSTEM, 17.7/26MB	650	303
310-12274-001	BOTTOM, ENCLOSURE 586/986	79	N/A
310-12275-001	COVER, ENCLOSURE 586/986	60	N/A
500-15590-002	FRONT PANEL 586/986	88	N/A
500-15590-003	FRONT PANEL 586T/986T	87	N/A

N/A = NOT AVAILABLE

ALTOS MODELS 186, 486, 586, 986, 586T, 986T PAGE 1 OF 4



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A**DEALER****ALTOS MODELS 186,486,586,986,586T,986T****EXTERNAL HARD DISK DRIVE KITS****A****DEALER**

INTERNAL HARD DISK DRIVES OR HARD DISK DRIVES ONLY, SEE HARD DISK DRIVE SECTION (H)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
EX-40TT	HDD 40MB ST506 EX FH	820	473
EX-80TT	HDD 80MB ST506 EX FH	1075	675

BOARDSMEMORY BOARDS, SEE MEMORY BOARDS SECTION (I)
CPU BOARDS, SEE ABOVE CPU SECTION

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-13876-001	CONTROLLER, 186/486	239	72
615-17166-001	CONTROLLER, SCSI-TAPE, 486	127	N/A
540-14444-001	SERIAL PORT EXPANSION KIT 586	570	N/A
615-14398-001	SERIAL PORT EXP.BD.ONLY 586	262	79
615-12169-002	CONTROLLER, 586/986	522	157
615-19466-001	CONTROLLER, 586T/986T	793	257

POWER SUPPLIES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
430-12528-001	P/S 186/486	356	108
430-12791-001	P/S 586/986	208	63
430-10253-001	P/S 6021(&6148)/TPD	208	63
430-15435-002	P/S 586T/986T	340	103

N/A = NOT AVAILABLE

ALTOS MODELS 186, 486, 586, 986, 586T, 986T PAGE 2 OF 4

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ALTOS MODELS 186,486,586,986,586T,986T

186/486 CABLES*

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PART #	DESCRIPTION	PRICE
510-11109-002	CABLE, DC FLOPPY (186, 486)	3
510-11443-001	CABLE, INTERCONNECT 25 PIN (486)	54
510-11444-001	CABLE, INTERCONNECT 37 PIN (486)	93
510-11458-001	CABLE, INTERCONNECT 50 PIN (486)	72
510-14179-001	CABLE, HARNESS CPU (186, 486)	22
510-14180-001	CABLE, A.C. HARNESS (186, (486)	10
510-14774-001	CABLE, TERMINAL RS232 (486)	28
510-15601-001	CABLE, FLOPPY TO CONTROLLER (486)	11
510-15686-001	CABLE, HDD TO REAR PANEL (486)	24
510-15687-001	CABLE, HDD CONTROLLER TO REAR PANEL (486)	22
510-15746-001	CABLE, USER PORT (486)	17
510-13351-001	CABLE, COILED TERMINAL (186)	43
510-13447-001	CABLE, VIDEO BOARD CONTROLLER (186)	11
510-14175-001	CABLE, FLOPPY TO CPU (186)	9
510-14184-001	CABLE, HDD/CONTROLLER (186)	9
510-14186-001	CABLE, HDD/RADIAL CONTROLLER (186)	11
510-14251-001	CABLE, INTERCONNECT, WORKSTATION (186)	75
510-14299-001	CABLE, REAR PANEL TO CPU (186)	9

* EXCHANGE NOT AVAILABLE FOR CABLES

N/A = NOT AVAILABLE



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A**DEALER****ALTOS MODELS 186,486,586,986,586T,986T****A****DEALER****586, 986, 586T, 986T CABLES***

PART #	DESCRIPTION	PRICE
510-11109-002	CABLE, DC FLOPPY (AND TAPE FOR 586T & 986T)	3
510-11443-003	CABLE, TAPE CONTROLLER (586/986)	35
510-12557-001	CABLE, ALT-NET	15
510-12558-001	CABLE, FD/CPU	11
510-12559-001	CABLE, MULTIBUS DSYNCHN	17
510-12560-001	CABLE, HDD DSYCHN	28
510-12561-001	CABLE, HDD, RADIAL/CONTROLLER	7
510-12562-001	CABLE, HDD CONTROLLER/REAR PANEL	19
510-13252-001	CABLE, DC HARNESS, CPU TO P/S	5
510-13252-002	CABLE, DE HARNESS, CONTROLLER TO P/S	5
510-13254-001	CABLE, AC HARNESS	7
510-13299-003	CABLE, HARNESS, DC, MULTIBUS	4
510-14774-001	CABLE, TERMINAL RS232	28
510-15595-001	CABLE, MTU CONTROLLER (586T/986T)	16
510-15596-001	CABLE, FLOPPY TO CONTROLLER	12
510-15597-001	CABLE, HDD, RADIAL/PANEL	16

FLOPPY DISK DRIVES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
410-14166-001	FDD 1.6MB ALTOS 5.25"HH	125	86
410-13256-001	FDD 1.6MB ALTOS 5.25"FH	376	125

* EXCHANGE NOT AVAILABLE FOR CABLES

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ALTOS MODELS 186, 486, 586, 986, 586T, 986T PAGE 4 OF 4

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CPU'S

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-22740-001	CPU 500 16MHZ	1665	500

FLOPPY DRIVES

TAPE DRIVES, SEE TAPE DRIVE SECTION (K)
INTERNAL HARD DISK DRIVES, SEE HARD DISK DRIVE SECTION (H)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
410-22049-001	FDD 1.6MB ALTOS 5.25"HH	182	86

BOARDS

MEMORY BOARDS, SEE MEMORY BOARD SECTION (I)
CPU BOARDS, SEE ABOVE CPU SECTION

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-21860-002	ACPA/PC BOARD	398	128
615-22044-001	COMMUNICATION BOARD, 8 PORT	416	125
615-22047-001	CONTROLLER, HDD RLL	258	98
ACB 2320	CONTROLLER, HDD ESDI	225	150
615-22741-001	BACKPLANE, 500	743	224

N/A = NOT AVAILABLE



B**DEALER****ALTOS MODEL SERIES 500****KEYBOARDS****B****DEALER**

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
542-22478-001	KEYBOARD, 101 KEY	96	N/A

MISCELLANEOUS

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
310-22820-001	BASE	14	N/A
310-22823-001	DRIVE BRACKET, FLOPPY & TAPE	1	N/A
320-22840-001	LOCK AND 2 KEYS	8	N/A
310-22818-001	DOOR, LEFT SIDE WITH LOCK	34	N/A
310-22819-001	COVER, TOP FRNT, BACK/RT SIDE	49	N/A

CABLES*

PART #	DESCRIPTION	PRICE
510-22054-001	CABLE, HARD DISK DRIVE DATA 15"	7
510-22054-002	CABLE, HARD DISK DRIVE DATA 22"	7
510-22055-001	CABLE, FLOPPY DRIVE	13
510-22056-001	CABLE, HARD DISK DRIVE CONTROLLER	9
510-22742-001	CABLE, HDD CONTROL DAISY CHAIN	12

POWER SUPPLIES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
430-22739-001	P/S 500	205	62

* EXCHANGE IS NOT AVAILABLE FOR CABLES

N/A = NOT AVAILABLE

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CPU'S*

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-19465-001	CPU 686 512KB	1042	337
615-19465-002	CPU 686 1MB	1297	374
615-16260-001	CPU 886	1291	382

FLOPPY DISK DRIVES

TAPE DRIVES, SEE TAPE DRIVE SECTION (K)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
410-16271-001	FDD 1.6MB ALTOS 5.25"HH	184	55

EXTERNAL DISK DRIVES

INTERNAL HARD DISK DRIVES OR HARD DISK DRIVES ONLY, SEE HARD DISK DRIVE SECTION (H)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
EX-50TT	HDD 50MB ST506 EX FH	920	608
EX-80TT	HDD 80MB ST506 EX FH	1075	675
EX-190TT	HDD 190MB ST506 EX FH	2200	1226

* FPP NOT INCLUDED

N/A = NOT AVAILABLE



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ALTOS MODELS 686,686T,886T
CABLES*

C
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PART #	DESCRIPTION	PRICE
510-11109-001	CABLE, HARNESS, DC, P/S TO HDD	3
510-11109-002	CABLE, HARNESS, DC, P/S TO FLOPPY	3
510-11109-003	CABLE, HARNESS, DC, P/S TO MTU	3
510-12561-001	CABLE, CONTROLLER/HDD RADIAL (INTER)	7
510-12562-001	CABLE, CNTRLR TO REAR PANEL (HDD RADIAL)	19
510-13252-001	CABLE, HARNESS, DC (CPU-P/S) (PWR SYS)	5
510-15595-001	CABLE, CONTROLLER TO MTU	16
510-15596-001	CABLE, FLOPPY TO CONTROLLER	12
510-15597-001	CABLE, CNTRLR TO REAR PANEL (HDD RADIAL #2)	16
510-16097-001	CABLE, INTERCONNECT, 10'	28
510-16552-001	CABLE, HDD DAISYCHAIN	46
510-16690-001	CABLE, HARNESS, DC, CPU TO P/S	10
510-17848-002	CABLE, INTERFACE	12
510-18134-001	CABLE, HARNESS, AC	28
510-18361-001	CABLE, COMMUNICATION BD	34
510-19475-001	CABLE, HARNESS, DC (686C ONLY)	6

* EXCHANGE IS NOT AVAILABLE FOR CABLES

N/A = NOT AVAILABLE

ALTOS MODELS 686, 686T, 886T PAGE 2 OF 3



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MISCELLANEOUS

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
185-10271-001	FAN 686 115VAC	27	N/A
185-20313-001	BATTERY	9	N/A
310-12274-001	BOTTOM, ENCLOSURE	79	N/A
310-12275-001	COVER, ENCLOSURE	60	N/A
500-18086-001	PANEL, FRONT, ASSY	87	N/A
500-18086-002	PANEL, FRONT, ASSY W/O TAPE	88	N/A

MATH CO-PROCESSORS

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
MCK-8	80287-8MHZ FPP	CALL	N/A

POWER SUPPLIES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
430-19319-001	P/S 686(NON TAPE)	202	61
430-15435-002	P/S 686(TAPE)	340	103

BOARDS

MEMORY BOARDS, SEE MEMORY BOARD SECTION (I)
CPU BOARDS, SEE ABOVE CPU SECTION

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
555-19728-001	KIT, WORKNET BOARD	323	N/A
615-19466-001	CONTROLLER, 686T/886T	793	257
615-19466-002	CONTROLLER, 686(NO TAPE)	656	216
615-16320-001	COMM PROCESSOR, 886	291	70

N/A = NOT AVAILABLE



EFFECTIVE DATE - OCT. 1 ,1990

CPU'S*

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-20646-001	CPU 1000 16MHZ 0KB	1898	570
615-20646-002	CPU 1000 16MHZ 4MB	3664	1100
615-22280-001	CPU 1000 25MHZ 0KB	1830	550
615-22280-002	CPU 1000 25MHZ 4MB	2820	847
615-22280-005	CPU 1000 33MHZ 0KB	2134	641
615-22280-006	CPU 1000 33MHZ 4MB	3123	937

TAPE DRIVES, SEE TAPE DRIVE SECTION (K)

FLOPPY DISK DRIVES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
410-16271-001	FDD 1.6MB ALTOS 5.25"HH	184	55

EXTERNAL DRIVE CASES

SCSI HARD DISK DRIVES, SEE HARD DISK DRIVE SECTION (H)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
<i>EX-SCSI</i>	<i>EXTERNAL SUBSYSTEM, 1 DRIVE</i>	<i>400</i>	<i>125</i>
<i>GIGA-BOX/2</i>	<i>EXTERNAL SUBSYSTEM, 2 DRIVE</i>	<i>500</i>	<i>125</i>

* DOES NOT INCLUDE FPP, SEE MATH CO-PROCESSOR SECTION

N/A = NOT AVAILABLE

ALTOS MODEL SERIES 1000/600 PAGE 1 OF 3

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ALTOS MODEL SERIES 1000/600
BOARDS

MEMORY BOARDS, SEE MEMORY BOARD SECTION (I)
CPU BOARDS, SEE ABOVE CPU SECTION (CPU)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
500-21528-001	SCSI TERMINATOR	29	N/A
615-20640-001	SERIAL I/O BOARD, 8 PORT	395	61
615-20643-001	BUSS EXPANDER	49	N/A
615-20999-001	SERIES 1000 ACPA BOARD	897	360
615-21860-002	ACPA/PC (AT BUS)	398	117

POWER SUPPLIES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
430-20876-005	P/S 1000 250W	287	75
430-18353-001	P/S SEU/HDD	135	N/A

MISCELLANEOUS

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
210-18405-001	FILTER, FRONT PANEL	8	N/A
140-19699-001	FUSE, SCSI	2	N/A
183-20313-001	BATTERY	10	N/A
162-2149X-00X	FIRMWARE UPGRADE	10	N/A
510-23266-001	TERM, SCSI MICRO RIB (LT GREY)	28	N/A

N/A = NOT AVAILABLE



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ALTOS MODEL SERIES 1000/600
MATH COPROCESSOR

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PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
MCK-16	80387-16 FPP	CALL	N/A
MCK-25	80387-25 FPP	CALL	N/A
MCK-33	80387-33 FPP	CALL	N/A

CABLES*

PART #	DESCRIPTION	PRICE
510-16097-001	CABLE, INTERCONNECT, 10'	28
510-16097-004	CABLE, SCSI	42
510-20886-001	CABLE, TAPE & HARD DISK DRIVE	40
510-20887-001	CABLE, FLOPPY DISK DRIVE	13
310-21730-001	ADAPTER, 3.5" DRIVE	11
510-23057-001	CABLE, LED BD TO SCSI SELECT	12
510-23265-003	CABLE, SCSI MALE TO MALE 50 POS 6'	61
510-23267-003	CABLE, SCSI ADAPT 50 POS LOCKING 6'	92
510-23268-003	CABLE, SCSI ADAPT MALE TO FEMALE 6'	95

* EXCHANGE NOT AVAILABLE FOR CABLES

N/A = NOT AVAILABLE



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MODELS 1086, 2000, 2086, 3086, 3068

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ALTOS TOWERS

EFFECTIVE DATE - OCT. 1, 1990

CPU'S*

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-19711-004	CPU 2000 16MHZ 80386	1483	401
615-21609-006	CPU 2000 20MHZ 80386	2908	405
615-16490-003	CPU 3068 16MHZ 68020	1887	494
615-17566-001	CPU 3068EP 16MHZ 68020	2080	688
615-20494-001	CPU 3068MP 20MHZ 68020	851	577
615-21607-001	CPU 68030 25MHZ 68030	2583	591
615-15152-001	CPU 1086 8MHZ 80286	537	149
615-18035-005	CPU 1086 8MHZ XMB 80286	553	159
615-18035-007	CPU 1086 12.5MHZ 80286	724	197

POWER SUPPLIES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
430-18353-001	P/S HDD IN MODULE	135	N/A
430-16311-002	P/S 1086 260W	453	137
430-20325-001	P/S 1086 340W	638	192

* DOES NOT INCLUDE FPP, SEE MATH CO-PROCESSOR SECTION

N/A = NOT AVAILABLE

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MEMORY BOARDS, SEE MEMORY BOARDS SECTION (I)
 CPU BOARDS, SEE ABOVE CPU SECTION

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
500-16192-003	BACKPLANE, ESDI/SCSI, W/TERM	463	N/A
500-16192-004	BACKPLANE, W/O SCSI, NO TERM	463	N/A
615-15816-004	FILE PROCESSOR, SCSI	697	204
615-15816-006	FILE PROC., SCSI 64MB COMPATIBLE	808	204
615-15816-003	FILE PROCESSOR NO SCSI	610	179
615-15290-001	CONTROLLER, ST-506	469	158
615-18562-002	CONTROLLER, ESDI	575	164
615-18562-003	CTRLR ESDI 700MB HDD COMPAT.	808	196
615-15876-005	COMMUNICATION BOARD, 10 PORT	656	181
615-15876-007	COMM.BD, 10 PORT 64 MB COMPAT.	718	181
615-18156-005	MULTIDROP BOARD	697	204
615-15182-001	MULTIBUS ADAPTOR	395	109
615-20877-002	ACPA 2000, COMM BRD	897	372
615-16336-001	LED BOARD	11	N/A

FANS

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
185-18801-002	FAN 1086 340 W	28	N/A
185-19521-001	FAN 1086 260 W	21	N/A
500-20267-001	FAN 380MB/HDD	46	N/A
500-20267-003	FAN 170MB & 80MB/HDD	28	N/A

N/A = NOT AVAILABLE

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MODELS 1086, 2000, 2086, 3086, 3068

MATH CO-PROCESSORS*

E
DEALER

PART #	DESCRIPTION	PRICE
MCK-6	80287-6 MATH CO-PROCESSOR 6 MHZ	CALL
MCK-8	80287-8 MATH CO-PROCESSOR 8 MHZ	CALL
MCK-10	80287-10 MATH CO-PROCESSOR 10 MHZ	CALL
MCK-16	80387-16 MATH CO-PROCESSOR 16 MHZ	CALL
MCK-20	80387-20 MATH CO-PROCESSOR 20 MHZ	CALL
MCK-25	80387-25 MATH CO-PROCESSOR 25 MHZ	CALL
MCK-33	80387-33 MATH CO-PROCESSOR 33 MHZ	CALL
160-18590-001	NUMERIC PROCESSOR 68881 (16MHZ)	CALL
160-20518-001	NUMERIC PROCESSOR 68881 (20MHZ)	CALL

MISCELLANEOUS*

PART #	DESCRIPTION	PRICE
310-17810-002	FILTER, FRONT COVER	12
310-17811-001	FILTER, HORIZONTAL	11
183-20313-001	BATTERY	10
500-16564-001	BRACKET ASSY W/BLANK BOARD	13
310-15673-001	PANEL, SIDE, REVERSIBLE OLD STYLE BEIGE OR GREY(002)	81
310-20129-001	COVER ASSEMBLY (BLACK)	37
310-21450-001	COVER ASSEMBLY (GREY)	32
200-17134-001	KEY AND LOCK	10
555-22429-001	SHIELD KIT (FOR CPU R.F. WAVES)	349

* EXCHANGE NOT AVAILABLE FOR MATH CO-PROCESSORS & MISCELLANEOUS

N/A = NOT AVAILABLE

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FLOPPY DISK DRIVES

TAPE DRIVES, SEE TAPE DRIVE SECTION (K)

INTERNAL HARD DISK DRIVES, SEE HARD DISK DRIVE SECTION (H)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
410-16271-001	FDD 1.6MB ALTOS 5.25"HH	184	55

CABLES*

PART #	DESCRIPTION	PRICE
510-16097-001	CABLE, INTERCONNECT, 10'	28
510-16173-001	CABLE, DATA, FLOPPY TO BACKPLANE	11
510-16175-001	CABLE, AC, DAISYCHAIN	12
510-16503-001	CABLE, LED	4
510-16805-001	CABLE, DC, TAPE, STREAMER	14
510-18528-001	CABLE, HDD MOD W/FAN	35
510-18538-001	CABLE, AC, HDD, MOD	6
510-20274-001	CABLE, DC, FLOPPY	9
510-16174-001	CABLE, DATA, STRMR, TP TO BCKPLN	16
510-16257-001	CABLE, HDD MODULE	29
510-16580-001	CABLE, DC	4
510-17086-001	CABLE, HDD, AC	6
510-17313-001	CABLE, DC, FLOPPY	7

* EXCHANGE NOT AVAILABLE FOR CABLES

N/A = NOT AVAILABLE



EFFECTIVE DATE - OCT. 1, 1990

CPU'S

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-23200-001	CPU 5000 (SYSTEM or MOTHER BD)	5976	1314

BOARDSMEMORY BOARDS, SEE MEMORY BOARDS SECTION (I)
CPU BOARDS, SEE ABOVE CPU SECTION

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
615-23203-001	BD, BASE I/O: 82596DX & 16C452	610	183
615-23205-001	BD, MEMORY CONTROLLER	196	59
615-23275-001	BD, BASE I/O: W/DAUGHTER BD	217	65
615-23361-001	BD, HPFP: W/DAUGHTER BD	3054	1090
615-23361-002	BD, HPFP: W/O DAUGHTER BD	2510	764
615-23361-003	BD, HPFP: DAUGHTER BD ONLY	821	247
615-23428-001	BD, LED: CHAN A & B ENABLED	50	N/A
615-23428-002	BD, LED: CHANNEL A ONLY	50	N/A
615-23429-002	BD, LED DRIVER W/O D-CHAIN	60	N/A
615-23731-001	ADVANCED GRAPHICS CARD:	332	100

N/A = NOT AVAILABLE



F**DEALER****ALTOS MODEL SERIES 5000****KEYBOARDS****F****DEALER**

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
542-23865-001	KEYBD, PS/2 COMPT US 101+	54	N/A
542-23865-002	KB, PS/2 COMPT EUROPEAN 102	54	N/A

CABLES *

PART #	DESCRIPTION	PRICE
510-22402-001	CABLE, POWER MODULE: (AC RECEIPT ASSY)	18
510-23266-001	TERMINATOR: SCSI, MICRO-RIB LT GRAY	28
510-23350-001	CABLE, SCSI DAISYCHAIN: BASE I/O TO DRIVE	46
510-23351-001	CABLE, FLOPPY: BASE I/O TO FD	45
510-23524-001	CABLE, LED: LED BD TO LED DRIVER BD	20
510-23524-002	CABLE, LED: LED BD TO LED DRIVER BD	20
510-23591-001	CABLE, LED POWER: SYS BD TO LED DRIVE BD	12
510-23620-001	CABLE, DRIVE GND: FD-TD-HD TO GROUND	2
510-23690-001	CABLE, MICROSHIELD: 60 PIN, 3'	95
510-23690-002	CABLE, MICROSHIELD: 60 PIN, 10'	116
510-23702-001	CABLE, HPFP TO SCSI EXT (B)	20
510-23949-001	CABLE, HPFP: HPFP BD TO EXT SCSI (B)	34
510-24059-001	CABLE, BASE I/O DAUGHTER INTERFACE	14
510-24136-001	SPLITTER, DC POWER CABLE:	7

* EXCHANGE IS NOT AVAILABLE FOR CABLES

N/A = NOT AVAILABLE

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ALTOS MODEL SERIES 5000
PANELS AND EXTERIOR *

PART #	DESCRIPTION	PRICE
310-23346-001	PANEL, SIDE	89
310-23352-001	COVER, TAPE/FLOPPY	7
310-23353-001	DOOR, FRONT COVER	10
310-23354-001	COVER, FRONT (BARE)	22
310-23441-001	NAMEPLATE, DOOR	3
310-23442-001	NAMEPLATE, SYSTEM BEZEL	3
310-23528-001	FAN 5000 (FILTER)	6
310-23684-001	PANEL, CONN FILLER	3
310-23864-001	PANEL, DRIVE FILLER	3
310-24128-001	RAIL, DRIVE SLIDE (METRIC)	6
500-23352-001	COVER ASSY, FRONT W/FILLER	41
700-23594-001	ACCESSORY BOX, S5000	21
700-23595-001	TRAY W/FOAM, S5000	27
700-23596-001	SIDE PANEL W/FOAM	24

NETWORK ACCESSORIES

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
490-22401-001	TCU/2A SPARES KIT	658	259
510-23998-001	CABLE, TSU/2: INTERCONNECT	30	N/A
615-23201-001	MULTIDROP COMM MDC/2	897	294
140-22709-200	FUSE: .2AMP	1	N/A

* EXCHANGE NOT AVAILABLE FOR PANELS AND EXTERIOR

N/A = NOT AVAILABLE



F**DEALER****ALTOS MODEL SERIES 5000****POWER SUPPLY****F****DEALER**

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
430-23102-001	P/S 5000 395W	424	127

MISCELLANEOUS *

PART #	DESCRIPTION	PRICE
183-23488-001	SPEAKER	10
185-23489-001	FAN 5000 12VDC (58.0 CFM, 4.7 X 4.7 X 1)	37
200-23490-001	SWITCH, RESET ASSY	20
230-10223-001	CORD, POWER: 5-15P 10A 115V	5
542-23529-001	MOUSE, MECHANICAL	69
542-23659-001	PAD, MOUSE	10

FLOPPY DRIVES

TAPE DRIVES, SEE TAPE DRIVE SECTION (K)

SCSI HARD DRIVES, SEE HARD DRIVE SECTION (H)

PART #	DESCRIPTION	PRICE	EXCHANGE PRICE
410-16271-001	FDD 1.6MB ALTOS 5.25"HH	183	55
410-23657-001	FDD 1.44MB ALTOS 3.5"HH	192	58

* EXCHANGE IS NOT AVAILABLE FOR PANELS AND EXTERIOR AND MISCELLANEOUS

N/A = NOT AVAILABLE

ALTOS MODEL SERIES 5000 PAGE 4 OF 4

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Quality Shipping Cartons
DAVE & RANDY'S



EFFECTIVE DATE - OCT. 1, 1990

PART #	DESCRIPTION	PRICE
# 1	Full height hard disks or full height floppy drives	8.50
# 5	IN-modules (1086, 2886, 2000 models)	9.20
# 7	Large circuit boards	5.60
# 8	Half height hard disks or half height floppy drives	7.40
# 9	Large full size tower computers (1086, 2086, 2000, etc)	33.60
# 12	Sinai computers	32.20
# 13	Small circuit boards	3.20
# 14	Table top computers 986, 886, etc.	22.50
N/A	Terminals - all sizes	CALL

N/A = NOT AVAILABLE

STURDY FOAM INSERTS ARE PROVIDED WITH ALL CARTONS TO INSURE DAMAGE FREE SHIPPING

DAVE & RANDY'S QUALITY SHIPPING CARTONS PAGE 1 OF 1



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EFFECTIVE DATE - OCT. 1, 1990

SCSI HARD DISK DRIVES 600/1000 series RUNNING UNDER
ALTOS SYSTEM V
& SCSI HARD DISK DRIVES 5000 series

MODEL	DESCRIPTION	5.3a	5.3b	5.3d	5.3e	5000
SCSI190	90MB SCSI HH	1192	1192	1192	1192	N/A
SCSI145	145MB SCSI FH	1307	1307	1307	1307	N/A
SCSI170	190MB SCSI HH	N/A	N/A	1538	1538	N/A
SCSI300	320MB SCSI FH	N/A	1962	1962	1962	N/A
SCSI440	440MB SCSI HH	N/A	N/A	N/A	2451	2451
SCSI630	630MB SCSI FH	N/A	N/A	3004	3004	3004
SCSI990	990MB SCSI FH	N/A	N/A	N/A	4568	4568

NOTE: ADD \$305 FOR ANY ONE OF THE ABOVE DRIVES IN A SEU MODULE.

HARD DISK DRIVES IN series ST506
INCLUDES CAGE, POWER SUPPLY AND CABLES FOR TOWER
SYSTEMS.

MODEL	DESCRIPTION	1086/2086/3086	3068	2086/386
IN50	50MB IN FH	1078	1078	1078
IN80	80MB IN FH	1103	1103	1103
IN190	190MB IN FH	2190*	2190**	2190

* REQUIRES FILE PROCESSOR ROM VERSION 2.0 OR LATER.
REQUIRES XENDX 3.3A90 OR LATER

** REQUIRES FILE PROCESSOR ROM VERSION 2.0 OR LATER.

N/A = NOT AVAILABLE

HARD DISK DRIVES PAGE 1 OF 6

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HARD DISK DRIVES IN series ESDI**INCLUDES CAGE, POWER SUPPLY AND CABLES FOR TOWER SYSTEMS.**

MODEL	DESCRIPTION	1086/2086/3086	2000	3068
<i>IN80E</i>	<i>80MB ESDI IN FH</i>	<i>1159</i>	<i>1159</i>	<i>1159</i>
<i>IN170E</i>	<i>170MB ESDI IN HH</i>	<i>1622</i>	<i>1622</i>	<i>1622</i>
<i>IN380E</i>	<i>380MB ESDI IN FH</i>	<i>2400¹</i>	<i>2400</i>	<i>2400</i>
<i>IN700E</i>	<i>700MB ESDI IN FH</i>	<i>N/A</i>	<i>4676²</i>	<i>N/A</i>

HARD DISK DRIVES INSID series ST506

MODEL	DESCRIPTION	186/486	586/986	586T/986T	686/886
<i>INSID20</i>	<i>25MB HH</i>	<i>270</i>	<i>270</i>	<i>270</i>	<i>270</i>
<i>INSID40FH</i>	<i>40MB FH</i>	<i>N/A</i>	<i>357</i>	<i>357</i>	<i>357</i>
<i>INSID40HH</i>	<i>40MB HH</i>	<i>549</i>	<i>549</i>	<i>549</i>	<i>N/A</i>
<i>INSID50</i>	<i>50MB FH</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>802</i>
<i>INSID80</i>	<i>80MB FH</i>	<i>N/A</i>	<i>792³</i>	<i>792</i>	<i>792</i>
<i>INSID190</i>	<i>190MB FH</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>1875⁴</i>

¹ ONLY SUPPORTED AS EXPANSION DRIVE (DRIVE 2 OR 3).
REQUIRES XENIX 3.4BS5 OR LATER

² INCLUDES EXTENDED ESDI CONTROLLER AND FILE PROCESSOR BOARDS AVAILABLE AS EXCHANGE
REQUIRES UNIX 5.3DS2 OR LATER

³ INCLUDES MODIFIED VERSION OF XENIX 3.0 OR XENIX 3.1 - USER SPECIFIED.

⁴ REQUIRES XENIX VERSION 3.2FS2 OR LATER.

N/A = NOT AVAILABLE



EXTERNAL HARD DISK DRIVE KITS**INCLUDES EXTERNAL CABINET, POWER SUPPLY AND CABLES**

MODEL	DESCRIPTION	186/486	586/986	586T/986T	686/886
EX40TT	40MB ST506	820	820	820	N/A
EX50TT	50MB ST506	N/A	N/A	N/A	920
EX80TT	80MB ST506	1075	1075	1075	1075
EX190TT	190MB ST506	N/A	N/A	N/A	2200

HARD DISK DRIVES 500 series

MODEL	DESCRIPTION	500/ST506 RLL	500/ESDI
500-40	40MB RLL INSID HH	449	N/A
500-70	70MB RLL INSID HH	462	N/A
500-100	100MB RLL INSID FH	859	N/A
500-200	200MB RLL INSID FH	1615	N/A
500-80	85MB ESDI INSID FH	N/A	844*
500-170	170MB ESDI INSID FH	N/A	1307*
500-380	380MB ESDI INSID FH	N/A	2085*

* ESDI CONTROLLER REQUIRED - PART# ACB2320 or ACB2322

N/A = NOT AVAILABLE



H**DEALER****HARD DISK DRIVES****H****DEALER****EXCHANGE SCSI HARD DISK DRIVES 600/1000 series RUNNING UNDER****ALTOS SYSTEM V****& EXCHANGE SCSI HARD DISK DRIVES 5000 series**

MODEL	DESCRIPTION	5.3a	5.3b	5.3d	5.3e	5000
SCSI90	90MB SCSI HH	476	476	476	476	N/A
SCSI145	145MB SCSI FH	622	622	622	622	N/A
SCSI170	190MB SCSI HH	N/A	N/A	617	617	N/A
SCSI300	320MB SCSI FH	N/A	785	785	785	N/A
SCSI440	440MB SCSI HH	N/A	N/A	N/A	CALL	CALL
SCSI630	630MB SCSI FH	N/A	N/A	1374	1374	1374
SCSI990	990MB SCSI FH	N/A	N/A	N/A	CALL	CALL

NOTE: ADD \$95 FOR ANY ONE OF THE ABOVE DRIVES IN A SEU MODULE.

EXCHANGE HARD DISK DRIVES IN series ST506**INCLUDES CAGE, POWER SUPPLY AND CABLES FOR TOWER SYSTEMS.**

MODEL	DESCRIPTION	1086/2086/3086	3068	2086/386
IN50	50MB IN FH	450	450	450
IN80	80MB IN FH	464	464	464
IN190	190MB IN FH	1024	1024	1024

N/A = NOT AVAILABLE

HARD DISK DRIVES PAGE 4 OF 6

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EXCHANGE HARD DISK DRIVES IN series ESDI
INCLUDES CAGE, POWER SUPPLY AND CABLES FOR TOWER
SYSTEMS.

MODEL	DESCRIPTION	1086/2086/3086	2000	3068
IN80E	80MB ESDI IN FH	709	709	709
IN170E	170MB ESDI IN HH	715	715	715
IN380E	380MB ESDI IN FH	908	908	908
IN700E	700MB ESDI IN FH	N/A	1723	N/A

EXCHANGE HARD DISK DRIVES INSID series ST506

MODEL	DESCRIPTION	186/486	586/986	586T/986T	686/886
INSID20	25MB HH	153	153	153	153
INSID40FH	40MB FH	N/A	254	254	254
INSID40HH	40MB HH	377	377	377	N/A
INSID50	50MB FH	N/A	N/A	N/A	447
INSID80	80MB FH	N/A	425	425	425
INSID190	190MB FH	N/A	N/A	N/A	925

N/A = NOT AVAILABLE



EXCHANGE EXTERNAL HARD DISK DRIVE KITS

INCLUDES EXTERNAL CABINET, POWER SUPPLY AND CABLES

MODEL	DESCRIPTION	186/486	586/986	586T/986T	686/886
EX40TT	40MB ST506	473	473	473	N/A
EX50TT	50MB ST506	N/A	N/A	N/A	608
EX80TT	80MB ST506	675	675	675	675
EX190TT	190MB ST506	N/A	N/A	N/A	1226

HARD DISK DRIVES 500 series

MODEL	DESCRIPTION	500/ST506 RLL	500/ESDI
500-40	40MB RLL INSID HH	294	N/A
500-70	70MB RLL INSID HH	307	N/A
500-100	100MB RLL INSID FH	354	N/A
500-200	200MB RLL INSID FH	740	N/A
500-80	85MB ESDI INSID FH	N/A	493
500-170	170MB ESDI INSID FH	N/A	542
500-380	380MB ESDI INSID FH	N/A	610

N/A = NOT AVAILABLE



EFFECTIVE DATE - OCT. 1, 1990

ALTOS MODELS 186, 486, 586, 986, 586T, 986T

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
615-13316-003	128 K	MEM 128KB 486/186	168	30
615-13316-004	512 K	MEM 512KB 486	185	50
615-12782-002	512 K	MEM 512KB 586/986 & T	752	213

ALTOS MODELS 686, 686T, 886T

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
90508100	1 MB	MEM 1MB 686 ACUMEN	390	CALL

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
615-16314-001	1 MB	MEM 1MB 686	485	109

ALTOS MODEL SERIES 500

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
90504000	4 MB	MEM 4MB 500 16MHZ ACUMEN	1006	CALL
90504100	8 MB	MEM 8MB 500 16MHZ ACUMEN	1919	CALL
LAG-22041-003	4 MB	MEM 4MB 500 16MHZ LAGUNA	1245	CALL
LAG-22041-002	8 MB	MEM 8MB 500 16MHZ LAGUNA	2393	CALL
615-22041-003	4 MB	MEM 4MB 500 16MHZ	3780	1134
615-22041-002	8 MB	MEM 8MB 500 16MHZ	7561	2268



MEMORY

ALTOS MODEL SERIES 600/1000

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
90503000	2 MB	MEM 2MB 1000 16MHZ ACUMEN	830	CALL
90503100	4 MB	MEM 4MB 1000 16MHZ ACUMEN	2000	CALL
90503200	8 MB	MEM 8MB 1000 16MHZ ACUMEN	4000	CALL
90503400	4 MB	MEM 4MB 1000 25/33MHZ ACUMEN	1550	CALL
90503500	8 MB	MEM 8MB 1000 25/33MHZ ACUMEN	3100	CALL

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
615-20641-002	2 MB	MEM 2MB 1000 16MHZ	835	307
615-22562-001	4 MB	MEM 4MB 1000 16MHZ	2785	850
615-22562-002	8 MB	MEM 8MB 1000 16MHZ	5379	1675
615-22562-003	4 MB	MEM 4MB 1000 25/33MHZ	2008	386
615-22562-004	8 MB	MEM 8MB 1000 25/33MHZ	4016	755

N/A = NOT AVAILABLE



ALTOS MODELS 1086, 2000, 2086, 3086, 3068

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
90501000	2 MB	MEM 2MB 1086 ACUMEN	1200	CALL
90501500	4 MB	MEM 4MB 1086 ACUMEN	1800	CALL
90502000	8 MB	MEM 8MB 1086 ACUMEN	3300	CALL
90502500	16 MB	MEM 16MB 1086 ACUMEN	6200	CALL

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
615-22110-001	1 MB	MEM 1MB 1086	538	320
615-22110-002	2 MB	MEM 2MB 1086	2556	223
615-22110-003	4 MB	MEM 4MB 1086	3024	317
615-22111-006	2 MB	MEM 2MB 1086 MEM 2	2555	319
615-22111-005	4 MB	MEM 4MB 1086 MEM 2	3024	497
615-22111-004	8 MB	MEM 8MB 1086 MEM 2	5582	854
615-21608-004	4 MB	MEM 4MB 1086 ECC	3024	423
615-21608-003	8 MB	MEM 8MB 1086 ECC	5582	684
615-21608-001	16 MB	MEM 16MB 1086 ECC	10279	1225



MEMORY

ALTOS MODELS SERIES 5000

PART #	SIZE	16 MB MAXIMUM CAPACITY BDS.	PRICE	EXCHANGE
90509100	8 MB	MEM 8MB 5000 25MHZ ACUMEN	2025	CALL
90509200	16 MB	MEM 16MB 5000 25MHZ ACUMEN	2970	CALL

PART #	SIZE	64 MB MAXIMUM CAPACITY BDS.	PRICE	EXCHANGE
90509300	16 MB	MEM 16MB 5000 25MHZ ACUMEN	5865	CALL
90509400	32 MB	MEM 32MB 5000 25MHZ ACUMEN	11725	CALL
90509500	48 MB	MEM 48MB 5000 25MHZ ACUMEN	17590	CALL
90509600	64 MB	MEM 64MB 5000 25MHZ ACUMEN-	23455	CALL

PART #	SIZE	16 MB MAX.CAP.BD. UPGRADES	PRICE	EXCHANGE
90509050	4 MB	MEM 4MB 5000 ACUMEN SIMMS*	475	N/A

PART #	SIZE	64 MB MAX.CAP.BD. UPGRADES	PRICE	EXCHANGE
90509070	16 MB	MEM 16MB 5000 ACUMEN SIMMS	5860	N/A
90509080	32 MB	MEM 32B 5000 ACUMEN SIMMS	11720	N/A

* 90509050 is also compatible with the Altos MEM/8.

PART #	SIZE	DESCRIPTION	PRICE	EXCHANGE
615-23263-001	16 MB	MEM 16MB 5000 25MHZ	7495	1383
615-23263-002	32 MB	MEM 32MB 5000 25MHZ	23962	5130
615-23263-003	8 MB	MEM 8MB 5000 25MHZ	3220	1165

N/A = NOT AVAILABLE



EFFECTIVE DATE - OCT. 1 ,1990

TAPE CARTRIDGES

PART #	DESCRIPTION	CSSC TAPE DRIVE TO BE USED IN	PRICE
TAPE-17	310', 17.7 MB, 10K fpi (Density) TAPE	17.7 MB	24
TAPE-26	450', 26 MB, 10K fpi (Density) TAPE	17.7 MB	26
TAPE-60	610', 60 MB, 12.5K fpi (Density) TAPE	60 MB	27
TAPE-150	610', 150 MB, 12.5K fpi (Density) TAPE	150/250 MB	29
TAPE-250	1020', 250 MB, 12.5K fpi (Density) TAPE	150/250 MB	36
TAPE-320	610', 320 MB, 20K fpi (Density) TAPE	320/525 MB	40
TAPE-525	1020', 525 MB*, 20K fpi (Density) TAPE	320/525 MB	45
TAPE-8MM	90 MINUTES, 1.2/2.2 GB ,	TAPE8200	12
TAPE-4MM DAT	90 MINUTES, 1.3 GB,	TAPE-DAT	15
DC2000	40/60 MB PC STYLE CARTRIDGE	TAPE-PC	26

DISKETTES

DS-DD	360K DISKETTE BULK 10 COUNT	FLOPPY	6.80
DS-HD	1.2MB DISKETTE BULK 10 COUNT	FLOPPY	9.20

TAPE CARTRIDGES PAGE 1 OF 1



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ALTOS MODEL SERIES

MODEL	DESCRIPTION	600 & 1000	2000 & 3068 EP 2086/386 * USING PICK or UNIX	2000 & 3068 EP 2086/386 USING XENIX	5000
TAPE60Q	TPD 60MB QIC 36	N/A	535	535	N/A
TAPE150S	TPD 150/250MB SCSI	802	802	N/A	802
TAPE150Q	TPD 150/250MB QIC 36	N/A	802	802	N/A
TAPE525	TPD 320/525MB SCSI	1200	1200	N/A	N/A
TAPE820**	TPD 1.2/2.2GB SCSI EX	3800***	3800	N/A	N/A
TAPE-DAT	TPD 1.3GB SCSI EX	2645	2645	N/A	N/A

* SCSI TAPE DRIVES ON THE ALTOS MODELS 2086/386 REQUIRE A SCSI FILE PROCESSOR

** EXTERNAL CABINET INCLUDED. 1.2GB ON ALL EXCEPT SERIES 1000 WITH BLOCKING FACTOR OF 20 AND UNIX 5.3et2.

*** A 2048MB TAPE DRIVE (SEU) IS ALSO AVAILABLE FOR THE ALTOS MODEL SERIES 600 & 1000.

ALTOS MODEL SERIES

MODEL	DESCRIPTION	500,* 1086, 2086, 3086, 3068, 586T, 686T, 886T, & 986T	486,	586 986	3068
TAPE586	TPD 17.7MB FUNNEL EX	N/A	N/A	CALL	N/A
TAPE60S	TPD 60MB SCSI EX W/CONTROLLER	N/A	999	N/A	N/A
TAPE60Q	TPD 60MB QIC 36	535	N/A	N/A	535
TAPE150Q	TPD 150/250MB QIC 36	802	N/A	N/A	802



EXCHANGE TAPE DRIVES
ALTOS MODEL SERIES

MODEL	DESCRIPTION <u>EXCHANGE</u>	600 & 1000	2000 & 3068 EP 2086/386 * USING PICK or UNIX	2000 & 3068 EP 2086/386 USING XENIX	5000
TAPE60Q	TPD 60MB QIC36	N/A	219	219	N/A
TAPE150S	TPD 150/250MB SCSI	255	255	N/A	255
TAPE150Q	TPD 150/250MB QIC36	N/A	255	255	N/A
TAPE525	TPD 320/525MB SCSI	CALL	CALL	N/A	N/A
TAPE8200	TPD 1.2/2.2GB SCSI EX	870	870	N/A	N/A
TAPE-DAT	TPD 1.3GB SCSI EX	870	870	N/A	N/A

N/A = NOT AVAILABLE

ALTOS MODEL SERIES

MODEL	DESCRIPTION <u>EXCHANGE</u>	500,* 1086, 2086, 3086, 3068, 586T, 686T, 886T, & 986T	486,	586 986	3068
TAPE586	TPD 17.7MB FUNNEL EX	N/A	N/A	375	N/A
TAPE60S	TPD 60MB SCSI EX W/CONTROLLER	N/A	CALL	N/A	N/A
TAPE60Q	TPD 60MB QIC 36	219	N/A	N/A	219
TAPE150Q	TPD 150/250MB QIC 36	255	N/A	N/A	255

* ALTOS MODEL SERIES 500 (AT COMPATIBLE) REQUIRES WANGTEK CONTROLLER (SEE KITS (KIT))

N/A = NOT AVAILABLE



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TERMINAL PARTS

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EFFECTIVE DATE - OCT. 1, 1990

PART #	DESCRIPTION <i>EXCHANGE</i>	EXCHANGE PRICE*
12702-001	ALTOS II MB (MONITOR BOARD)	CALL
12790-001	ALTOS II P/S (POWER SUPPLY BOARD)	125
12701-051	ALTOS II LB (LOGIC BOARD)	175
15898-001	ALTOS III P/S	125
15899-001	ALTOS III LB	125
01002-001	ALTOS IV CONTROLLER	125
01034-001	ALTOS V P/S	125
01035-001	ALTOS V LB	125

WYSE30PCB	WYSE 30 LB	125
WYSE50PS	WYSE 50 P/S	125
WYSE50PCB	WYSE 50 LB	125
WYSE75PS	WYSE 75 P/S	125
WYSE75PCB	WYSE 75 LB	125
WYSE85PS	WYSE 85 P/S	125
WYSE85PCB	WYSE 85 P/S	125
WYSE99GTP/S	WYSE 99GT P/S	125
WYSE99GTPCB	WYSE 99GT LB	125
WYSE60P/S	WYSE 90 P/S	125
WYSE60PCB	WYSE 90 LB	125

* \$25 DISCOUNT IF COMPUTER SUPPORT RECEIVES THE DEFECTIVE BOARD FROM THE CUSTOMER BEFORE SHIPPING REPLACEMENT.

N/A = NOT AVAILABLE

TERMINAL PARTS PAGE 1 OF 1



COMPUTER SUPPORT
OF SIOUX CITY, LTD.

Order Desk (712)258-8888 • FAX (712)277-2638
Tech. Support (712)258-7777 • General (712)277-0085

EFFECTIVE DATE - OCT. 1, 1990

UNINTERRUPTABLE POWER SUPPLY

PART NUMBER	DESCRIPTION	PRICE	EXCH
430-20419-019	UNINTERRUPTABLE P/S SERIES 1000*	915	N/A
430-20419-015	UNINTERRUPTABLE P/S SERIES 2000*	915	N/A
430-20419-007	UNINTERRUPTABLE P/S SERIES 3068*	915	N/A
430-20319-001	UPS REPLACEMENT POWER SUPPLY	751	226
510-20399-001	CABLE,DC OUTPUT	12	N/A
510-20400-001	CABLE,BATTERY	4	N/A
510-20400-001	CABLE,UPS SIGNAL	14	N/A
310-20231-001	HOUSING COVER	114	N/A
310-20396-001	FILTER,FAN	4	N/A
185-21895-001	12VDC,20CFM MIN FAN	30	N/A
183-20424-001	BATTERY,12V,6AH**	44	N/A

* REFURBISHED UNITS INCLUDING HARDWARE KIT

** QUANTITY 3 REQUIRED

PC'S , LANS AND OTHER SYSTEMS

PART NUMBER	DESCRIPTION	PRICE	EXCH
BC450LAN	450W BATTERY BACKUP WITH NOVELL/ALTOS MONITORING	390	N/A

UNINTERRUPTIBLE POWER SUPPLIES PAGE 1 OF 1

**COMPUTER SUPPORT
OF SIOUX CITY, LTD.**Order Desk (712)258-8888 • FAX (712)277-2638
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Prices: Catalog prices are subject to change without notice. Orders are filled at the prices in effect at time of shipment and these prices may vary from those shown in the current price list depending upon the price changes. For current prices and for prices on items not shown in the price list contact a Computer Support sales representative. Prices do not include any taxes.

Placing Orders: Written orders for product may be faxed to Computer Support at 712-277-6238 or mailed to Computer Support at 4200 West Gordon Drive Sioux City, Iowa 51103. Orders for products may also be placed by telephone with Computer Support. Our sales line is 712-277-8888. After an order has been taken by phone it will be read back for oral confirmation. The order will then be processed. When an order is placed an order number will be generated. This number will be available to the customer for any further reference. The original phone order, as orally confirmed, will stand and the customer accepts responsibility for the order as called in.

Canceling Orders: A standard stock order may be cancelled at any time before shipment with no penalty. A special order may not be cancelled.

Special Orders: Special orders include any item(s) not listed in our price list and items that are not normally stocked by Computer Support. Special order items may not be returned. All software is considered special order.

Software Returns: Other than defective media, software products may not be returned for credit or exchange.

Restocking Charges: There is a minimum 10% restocking charge on stock items returned undamaged but opened within 30 days after shipment. No item may be returned more than 30 days after shipment. Standard order items that have not been used (unopened) may be returned within 10 days with prior approval and will then be subject only to the freight charges.

Credits: Open accounts will receive due credit on their account and C.O.D. customers will receive refund checks within 10 days after Computer Support receives any returned item(s).

C.O.D. Shipments: Wire transfer, certified, cashiers or company checks are accepted. All charges made by Postal, UPS, Federal Express or common carrier are included in C.O.D. shipments.



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POLICIES AND PROCEDURES

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Company Checks: Customers with company checks returned to our bank will be required to wire transfer funds to cover the amount within 5 working days or be placed for collection.

Wire Transfer: Money must be wired by your bank to Norwest Bank, Des Moines, Ia. ABA # 073000228 to the account of Computer Support of Sioux City LTD Account # 019406. Request that Computer Support be notified upon receipt of funds.

Credit Card Payments: Mastercard and Visa are accepted.

Hardware Returns: Before shipment of any merchandise to Computer Support, a Return Material Authorization number must be authorized and issued. Please call with the following information:

Dealer Name	Invoice Number(s)
Serial Number(s)	Inventory Part Number
Reason for Shipment	Date of Shipment
Name of Company Requesting Shipment (If other than the company invoiced.)	
Warranty Information. (Proof of warranty is the CUSTOMER'S responsibility.)	

Upon authorization an RMA # will be issued. It must be prominently displayed on the shipping label. Do not put writing on the box(es). On exchange items Computer Support will supply a label for each box displaying the RMA #. Any items received on the wrong RMA # or without an RMA # will subject to the customer losing any possible warranty and/or credit for which they may be eligible. No item may be returned more than 30 days after shipment. All shipments to Computer Support must be shipped freight prepaid.

Freight Collect: Computer Support will pay UPS BLUE freight on outright sales of NEW hard drives and tape drives. All other freight charges will be the customer's responsibility.

Warranty and Disclaimer: Since Computer Support does not control the use of its products, there are no express warranties which extend beyond the description contained herein. Computer Support disclaims any implied warranties of merchantability or of fitness for any particular purpose, since Computer Support cannot control the manner of use of its products after their sale. Computer Support will not be responsible for any consequential or indirect damages. Since seller is acting as a distributor of products manufactured by other companies, in most instances, seller expressly limits its liabilities to any guarantees extended by the manufacturer, which guarantees Computer Support will pass through to the customer.

POLICIES AND PROCEDURES PAGE 2 OF 2



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