

Professional Workstation AP200

Processor/System Boards	Assembly	Spare Part
Processor Board w/o Processor (600 MHz)	010582-102	153087-001
Processor Board w/o Processor (750 MHz)	010582-103	180713-001
Processor Board, w/ Tray, w/o Processor (350, 400, 450 MHz)	009635-102	352648-001
System Board, 550/100 MHz, SL1 (350, 400, 450, 500, 550 MHz)	010233-102	110940-001

Note: To avoid injury from electric shock and/or hot surfaces and to prevent damage to the system board and/or interface boards (such as NICs, video controllers, and memory), unplug the AC power cord from the wall outlet and allow the internal components of the PC to cool before servicing the unit.

SW1 Switch Settings (009635, 010233, 010582)

Frequency	S1	S2	S3	S4	S5	S6
350/100 MHz	OFF	OFF	OFF	ON	ON	OFF
400/100 MHz	OFF	ON	ON	OFF	ON	OFF
450/100 MHz	OFF	ON	OFF	OFF	ON	OFF
500/100 MHz	OFF	OFF	ON	OFF	ON	OFF
550/100 MHz	XXX	OFF	OFF	OFF	ON	XXX
600/100 MHz	XXX	ON	ON	ON	OFF	XXX

Configuration Code	Assembly	System Bd Spare Part	Form Factor ¹
CCV1 – CCV7	009635-102 010233-102	352648-001 110940-001	MT
CLH1 – CLH5	010233-102	110940-001	MT
CTL1 – CTL7	010233-102	110940-001	MT
CTL8 – CTL9	010582-102	153087-001	MT
FDJ1, FDJ2	010582-103	180713-001	MT
FDK1, FDK2	010582-103	180713-001	MT

¹ MT = Minitower.

Microprocessors	Assembly	Spare Part
350/100, w/ Heat Sink	278309-001	166874-001
400/100, w/ Heat Sink	278309-002	166882-001
450/100, w/ Heat Sink	278309-003	167032-001
500/100, w/ Heat Sink	352772-002	116401-001
550/100, w/ Heat Sink	352772-006	133840-001
600/100, PIII w/ 512K Cache		162955-001
600/100, w/ Heat Sink	352772-007 135638-001 120891-001	155592-001
750/100	157381-005	180712-001

Memory	Assembly	Spare Part
16 MB 100 MHz, Unregistered SDRAM, ECC	323014-001	166964-001
32 MB 100 MHz, Unregistered SDRAM, ECC	323015-001	166968-001
64 MB 100 MHz, Unregistered SDRAM, ECC	323016-001	166967-001
128 MB 100 MHz, Unregistered SDRAM, ECC	323017-001	166965-001

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Miscellaneous	Assembly	Spare Part
3.5 to 5.25-inch ½ Height Mounting Bracket For Use In Bays 1 And 2 Only	243219-002	243230-002
3.5 to 5.25-inch Diskette Drive Mounting Bracket With Screws And Brace – Bay 3 Only	179026-001 192308-001 166919-001	166923-001
3.5 to 5.25-inch Hard Drive Mounting Bracket	247239-001	243231-001
AC Power Cord – US, CAN	121565-002	121258-001
Adapter, Drive 3.5"	179026-001	166923-001
Adapter, SCSI PCI 2940UW	334136-001	179261-001
Audio Board, ESS 1869 (prior to X835CCVXXXXX)	009666-001	332859-001
Audio Board, ESS 1869, 5W (after X836CCVXXXXX)	009868-001	356081-001
Fan, 90mm	166809-001 118663-002	166922-001
Front Bezel w/ MT Logo	352607-001	352649-001
Keyboard, Spacesaver	166516-xx1	269513-001
Miscellaneous Hardware Kit		166877-001
Miscellaneous Plastics Kit		352656-001
Mouse, 3-Button, Opal	269210-006	327716-001
Power Switch w/ Cable	166777-001 166784-001	166925-001
Speaker, 2.5" 5W (prior to X835CCVXXXXX)	247356-004	166507-001
Speaker, 5W (after X836CCVXXXXX)	356027-001 356080-001	167029-001

Controller Boards	Assembly	Spare Part
10/100 PCI, WOL, OEM	323577-001	323556-001
Compaq Fast Ethernet NIC (NC3121)	323557-001	323556-001
Wide-Ultra SCSI Controller, PCI	334136-001	179261-001

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Graphic Boards	Assembly	Spare Part
3Dlabs Oxygen GVX1 (PCI)		159629-001
ELSA Synergy II		146140-001
Graphics, AGP Matrox (G200)	358231-002	294409-001
Graphics, AGP RI2100	338522-001 387236-001	338539-001
Graphics, Synergy+ (AGP)	327532-001	327599-001
Matrox Millennium G200		158607-001
Matrox Millennium G200 Quad MMS		171975-001
Matrox Millennium G400 DualHead		400438-001
Matrox Productiva G100		101239-001
Memory Module 4 MB – Gloria Synergy+	327534-001	327600-001
Video Board, 32M-SD ATX (3Dlabs Oxygen GVX1, AGP)	136396-001	146141-001
Video Board, 32M-SD NLX/ATX	103384-001 338527-001	146535-001

CD-ROM Drives	Assembly	Spare Part
CD-ROM, 32X	179137-701	327659-001
CD-ROM, DVD	401335-712	105771-001

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Hard Drives	Assembly	Spare Part
4.3 GB, Wide-Ultra SCSI	334137-001	179287-001
6.4 GB, Ultra ATA (IDE)	298066-001	166973-001
8.4 GB, Ultra ATA (IDE)	334180-001	166981-001
9.1 GB, Wide-Ultra SCSI	334139-001	179288-001
	334128-001	
9.1 GB, Wide-Ultra SCSI-2	120854-001	135410-001
10 GB, Ultra ATA (IDE)	178548-001	320662-001
10 GB, IBM, Titan (7200 rpm)	356046-001	330520-001

Diskette Drives	Assembly	Spare Part
1.44 MB, S-BTN, Opal	141087-001	179161-001
Zip Drive	401474-001	401624-001

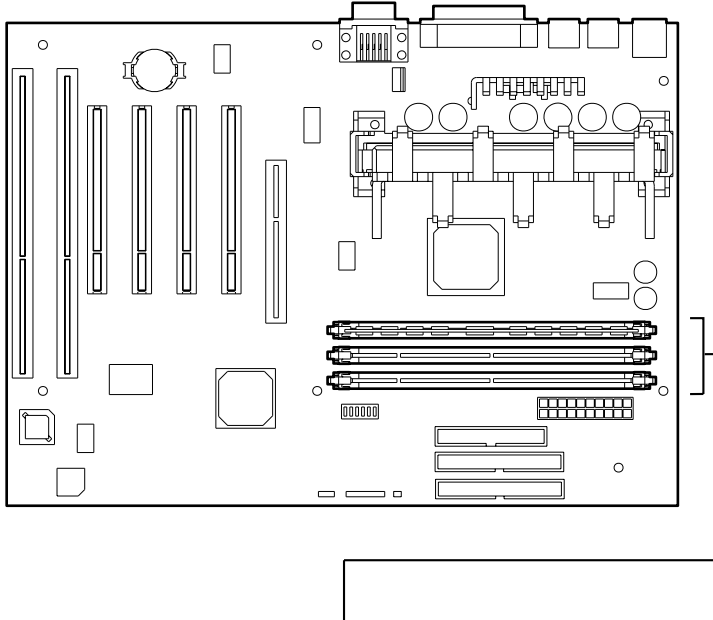
Cables	Assembly	Spare Part
4 Device Ultra2 SCSI	269157-004	402226-001
Cable, NIC, Wake Up	179056-001	166974-001
Kit, Miscellaneous	166838-001	166879-001
	288489-002	
	247116-001	
	242947-001	
Kit, Miscellaneous Signal	270847-008	327649-001
	270847-009	
	269166-002	
	269166-003	
	242947-011	
	242947-012	
	171891-009	
	269159-004	
SCSI	269157-002	297511-001
SCSI, LED	225537-001	247485-001

Battery/Power Supply	Assembly	Spare Part
Battery, Clock	298031-001	234556-001
Power Supply, 200 W	308356-001	166814-001

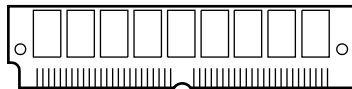
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Memory Upgrade Chart

SYSTEM BOARD
009635-001, 010233-102
010582-102



A MAXIMUM OF 384 MB TOTAL MEMORY.
NOTE: DO NOT EXCEED 384 MB TOTAL MEMORY OR
THE SYSTEM WILL NOT BOOT.



16-MB 100MHz SDRAM (unregistered) - OPTION PN 166615-B21-291

32-MB 100MHz SDRAM (unregistered) - OPTION PN 166616-B21-291

64-MB 100MHz SDRAM (unregistered) - OPTION PN 166617-B21-291

128-MB 100MHz SDRAM (unregistered) - OPTION PN 166618-B21-291