

DESKPRO/M FAMILY

System Boards	Assembly	Cut Over	Spare Part
386DX/25 Processor Bd	002028/002292		129157-001
386DX/33 Processor Bd	002031		129419-001
486SX/16 Processor Bd	002313/002300		129125-001
486SX/25 Processor Bd	002316/002302		129126-001
	002825		
486SX/25 Processor Bd ²	002825	Oct '92	140410-001
486SX/25 Processor Bd (8 MB)	003197	Mar '93	149923-001
486SX/33 Processor Bd	003107-001	Aug '93	196773-001
486SX/33 Processor Bd (4 MB)			
486SX/33 Processor Bd ³	003107-002	Aug '93	196774-001
486SX/33 Processor Bd (8 MB)			
486DX/33 Processor Bd	002319/002297		129127-001
	/002502		
486DX/33 Processor Bd ²	002502	Oct '92	140411-001
486DX/33 Bd ³ (8 MB)	003200-001	Mar '93	149924-001
486DX2/50 Processor Bd	002025		129128-001
	002972-001		
486DX2/50 Processor Bd ¹	002972-002	June '93	194825-001
486DX2/66 Processor Bd ¹	002431		129430-001
486DX2/66 Processor Bd ¹	002431	Sept '93	137663-001
5/60 Processor Bd	002472-002		149943-001
5/66 Processor Bd	002472-001		139134-001
I/O Board	002002/002304		129123-001
	/002307		
Audio I/O	002428	June '92	129449-001
EISA Bus	002005/002307		129124-001
	/002541		

¹ Supports 238-pin socket.

² Contains processor speed switch.

³ Standard in models with 240 MB (or larger) hard drives.

SW500 Switch Settings (I/O Board Assembly 002002 and 002428)

1	2	3	4	5	6	Function
OFF						Reserved
	OFF*					CAN update/change EISA configuration
	ON					CANNOT update/change EISA configuration
		OFF*				CAN read/write to diskette
		ON				CANNOT read/write to diskette
			OFF*			EISA configuration selections are used
			ON			Override EISA configuration selections
				OFF*		Power-on password enabled
				ON		Power-on password disabled
					OFF*	Current EISA configuration is used
					ON	Current EISA configuration is erased.
						Note: Flip switch 6 ON. Pwr-ON until video flash on screen. Pwr-OFF. Flip sw 6 OFF. Resume configuration.

* Default. (Switch position OFF = Up).

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486SX/16 Processor Board Switch Settings (Assembly 002313 and 002300)

Switch	486SX	487SX - ODP	486DX - ODPR
1	OFF	OFF	ON
2	OFF	ON	OFF
3	OFF	ON	ON

486SX/25 Processor Board Switch Settings (Assembly 002316 and 002302)

Switch	486SX	487SX ODP	486DX ODPR
1	OFF	OFF	ON
2	OFF	ON	OFF
3	OFF	ON	ON

486SX/25, 486/33, and 486SX/33 Processor Board Switch settings (Assembly 002825, 002502, 003197, 003107, 003200)

Switch	486SX	487SX ODP	486DX ODPR
1	OFF	OFF	ON
2	OFF	ON	OFF
3	OFF	ON	ON
4 (25 MHz) *	ON	ON	ON
4 (33 MHz) *	OFF	OFF	OFF

*Ignore if processor board has a 3-position switch.

486/33 Processor Board Switch Settings (Assembly 002319 and 002297)

Switch	486/33 OverDrive Replacement 66, 100	OverDrive 66 OverDrive 100
S1	ON	Off
S2	OFF	On
S3	ON	On

486/66 and 486/50 Processor Board Switch Settings (Assembly 002431 and 002972-002)

Switch	486DX/DX2	OverDrive/Pentium OD
S1	ON	OFF
S2	OFF	ON
S3	ON	ON

Memory Board/Module	Assembly	Spare Part
Memory Expansion Board	002071-001	129129-001
1 MB Memory Module *	118666	118740-001
2 MB Memory Module *	118667	113923-001
2 MB Memory Module **	118667	141753-001
4 MB Memory Module *	118665	118741-001
	137854	
4 MB Memory Module **	118665-004	141754-001
	137854	
8 MB Memory Module *	129041-001	128954-001
8 MB Memory Module **	129041-002	141755-001
16 MB Memory Module **	137143-003	149947-001
32 MB Memory Module **	139973-002	149948-001
256-KB Cache	002481-001	139135-001

* 80 ns SIMM

** 70 ns SIMM (Required on Pentium models)

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Controller Boards	Assembly	Cut Over	Spare Part
SCSI Option Adapter **	001379		116809-001
32-Bit DualSpeed Token Ring Controller *	114564		120615-001
Enhanced 32-Bit DualSpeed Token Ring Controller	114564-002		120662-001
Token Ring 16 TR Controller	160782-001	Nov '93	142836-001
Token Ring Module			142042-001
Advanced ESDI Controller **	WD1009		122370-001
SCSI Compression Adapter **	001846		122185-001
32-Bit IDA Expansion	001852		124526-001
Tape Adapter **	000774		113259-001
6260 SCSI-2 Controller **	004004		146993-001
	002831		133880-001
32-Bit Fast SCSI-2 Controller	002682		142040-001
Ethernet 16TP Controller	003086		147220-001
SCSI-2 Smart Controller	002969		142130-001
NetFlex-2 ENET-TR Cont.	003382		142222-001
NetFlex-2 DualPort ENET	003101		142151-001
Token Ring Module	142035		142042-001
NetFlex-2 ENET Controller			142151-001
NetFlex Controller			142041-001
NetFlex-2 TR Controller			199521-001
NetFlex-2 DualPort TR Cont.			142195-001

* Not supported on the 486/33.

** See Volume 2 Appendix, Multiproduct Boards, for settings.

Video Boards	Assembly	Cut Over	Spare Part
Advanced VGA	002340		126656-001
	002220		126656-001
QVision 1024/E Controller **	001924		126654-001
	002664		
QVision 1024/I Controller * **	002948	June '93	148866-001
QVision 1024/E Controller * **	002930	June '93	148867-001
QVision 1280/E Controller **	002727	May '93	139183-001
QVision 1280/I Controller **	002951	May '93	139182-001
QVision 1 MB VRAM	002954		139168-001

* Contains V32 controller.

** See Volume 2 Appendix, Multiproduct Boards, for settings.

Miscellaneous Internal	Assembly	Spare Part
Serial/Parallel Interface ⁴	000570/000990	106886-001
Server Manager/R Board ^{1 2}	001897	125726-001
Server Manager/R Board ³	001897	125745-001
2400 Baud Internal Modem	001070	Not Available
9600/2400 Fax Modem ⁵		197458-001
14.4 bps Fax/Modem ⁵	193052-002	193080-001
SpeedPaq 144/I Data and Fax Modem ⁵	003002	147453-001

¹ Sold and serviced by qualified Authorized Compaq Resellers.

² Available in the US and Canada.

³ Available outside of the US and Canada.

⁴ See Volume 2 Appendix, Multiproduct Boards, for settings.

⁵ See Volume 2 Appendix, Modem Configuration Information.

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Hard Drives

Size	Type	Inter-leave	Inte-grated	Min ROM	Spare Part	Controller Assembly
60 MB	55	1:1	Y	081491	Not Available	N/A
100 MB	45	1:1	Y	081491	142365-001 ¹	N/A
120 MB	50	1:1	Y	081491	136918-001 ¹ 111910-001 ² 116806-001 ²	N/A
210 MB	51	1:1	Y	081491	124013-001 ¹ 161956-001 ^{2,3} 162096-001 ^{2,4}	N/A
240 MB	1	1:1	Y	101592	129490-001	N/A
330 MB SCSI	N/A	1:1	Y	N/A	142037-001	002831 004004
340 MB	63	1:1	Y	080291	128141-001	N/A
510 MB	61	1:1	Y	080291	128142-001	N/A
525 MB	42	1:1	Y		197014-001	N/A
550 MB SCSI	N/A	1:1	Y	N/A	142038-001	002831 004004
1.05 GB SCSI	N/A	1:1	Y	N/A	192799-001	002831 004004
Hard Drive Expansion Unit (650 MB)						WD1009
Intelligent Array Expansion System						001852

¹ Except Europe.

² Europe only.

³ IDA, IDA2.

⁴ IDE.

CD-ROM Drives

	Spare Part
DualSpeed Internal	133881-001
DualSpeed External	133882-001
Internal Tray Load	142223-001
External Tray Load	199430-001

Tape Drives	Spare Part	Tape Cartridge	Spare Part
60 MB * (1/3 height)	131338-001	60 MB (DC2060)	122086-001
80/120 MB * (1/3 height)	131337-001	80 MB (DC2080) 20 MB (DC2120)	116966-001 116967-001
80/120 MB * (1/2 height)	122087-001	80 MB (DC2080) 120 MB (DC2120)	116966-001 116967-001
120/250 MB * (1/2 height)	197490-001	120 MB (DC2120)	116967-001
150/250 MB	115220-001	150 MB (DC600 XTD) 250 MB (DC6250)	113234-001 115298-001
320/525 MB	116804-001	320 MB (DC6320) 525 MB (DC6525)	119505-001 119504-001
1.3-/2.0-GB DAT	131149-001	1.3 GB 2.0 GB DAT Cleaning Cartridge	131167-001 131148-001 131194-001
525-MB ACA	142073-001	525 MB (DC6525)	119504-001
5.0-GB DAT	142074-001	1.3 GB 2.0 GB DAT Cleaning Cartridge	131167-001 131148-001 131194-001

* With compression.

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Diskette Drives	Spare Part
1.2 MB	112566-001
1.44 MB *	122392-001
1.44 MB * **	112565-001

* Requires MS-DOS Version 3.31 Revision A (or later) if installed as drive B, and MS-DOS Version 3.31 Revision B (or later) if installed as drive A.

** Requires separate signal and power cables.

Cables	Where Used	Spare Part
Drive Power Cable	All Drives	129227-001
Hard Drive Signal Cable	Single Hard Drive	129226-001
Hard Drive Signal Cable	Dual Hard Drive	129352-001
Diskette Power/Signal Cable	1.44 Diskette	129228-001
Diskette/Tape Signal Cable	1.2 MB Diskette Tape Drives	129229-001
Dual AUI Breakout Cable		197134-001
DualPort Ethernet Loopback		142254-001
Audio Speaker Cable	Audio System	129445-001
External Audio Adapter Cable	Audio System	129444-001
SCSI Signal - 4 Connector Cable	SCSI Adapter	146996-001

Processor/Coprocessor Locations

Processor Board	Processor Location	Coprocessor Location
386/25 (002028)	U8	U22
386/25 (002292)	U8	U22
386/33 (002031)	U8	U22
486SX/16 (002300)	U7	N/A
486SX/16 (002313)	U7	N/A
486SX/25 (002316)	U7	N/A
486SX/25 (002302)	U7	N/A
486/33 (002319)	U7	N/A
486/33 (002297)	U7	N/A
486/33 (002502)	U7	N/A
486DX2/50 (002025)	U1	U2
486DX2/66 (002431)	U1	U2

System ROM Location (I/O Board 002002/002304)

U10

System ROM Revisions (Spare Part 129482-001)

Revision	Number On ROM
080291	129186-004
081491	129186-006
092791	129186-007
012392	139773-002
022592	139773-003
060292	129418-002
062292	129418-003
101592	129418-004
042893	139207-001
091593	139207-002

Power Supply/Battery

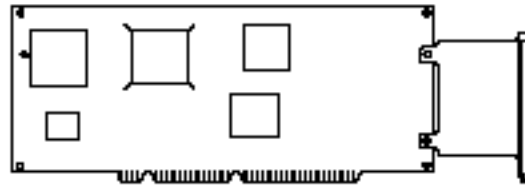
Spare Part

Power Supply	129069-001
Battery/Clock Module	126570-001

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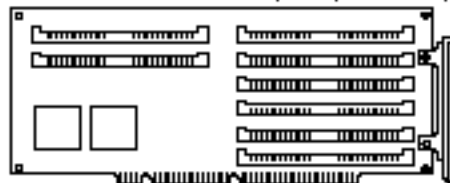
Memory Upgrade Chart

PROCESSOR BOARD
4 OR 8 MEGABYTES



ADD

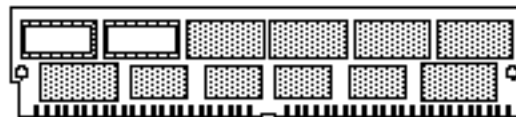
MEMORY EXPANSION BOARD
OUT OF PRODUCTION (no replacement)



ADD ANY COMBINATION OF THE FOLLOWING MEMORY MODULES.

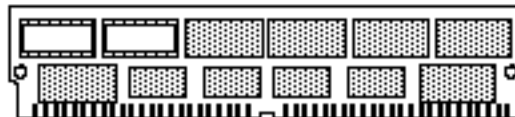
Note: Pentium units require 4 same-size SIMMs to be installed

1-MB MEMORY MODULE - SPARE PN 118740-001

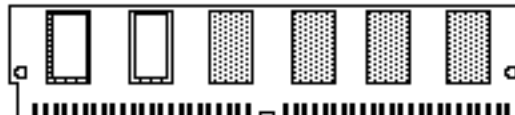


2-MB MEMORY MODULE - **OUT OF PRODUCTION**

Replaced by OPTION PN 141684-001 4-MB, 70 ns Memory Module

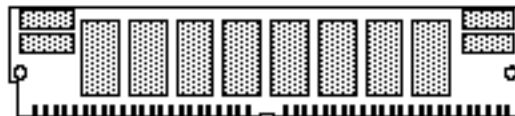


4-MB MEMORY MODULE - OPTION PN 118690-001



8-MB MEMORY MODULE - **OUT OF PRODUCTION**

Replaced by OPTION PN 141685-001 8-MB, 70 ns Memory Module



MAXIMUM SYSTEM MEMORY IS 64 MB.

