

Deskpro/i

System Boards	Serial No.	Assembly	Spare Part
386DX/25 Processor	HCP ¹	002566	141342-001 DISCONTINUED
386DX/25 Processor	HEA ²	002623	141098-001 DISCONTINUED
386DX/33 Processor	HCQ ¹	002569	141341-001 DISCONTINUED
386DX/33 Processor	HEB ²	002626	141099-001 DISCONTINUED
486SX/25 Processor	HCR ¹	002572	141339-001 DISCONTINUED
486SX/25 Processor	HEC ²	002629	147200-001 DISCONTINUED
486SX/25 Processor	HFW ³	003047	194445-001 DISCONTINUED
486DX/33 Processor	HCS ¹	002575	141340-001 DISCONTINUED
486DX/33 Processor	HED ²	002632	147201-001 DISCONTINUED
486DX/33 Processor	HFY ³	003050	194446-001 DISCONTINUED
486DX/66 Processor	HCT ¹	002578	141338-001 DISCONTINUED
486DX2/66 Processor	HEE ²	002635	147202-001 DISCONTINUED
486DX/66 Processor	HFZ ³	003053	194447-001 DISCONTINUED

¹ Rev 1. Original DP/i system board. Uses 64K cache p/n 141345-001 - DISCONTINUED (002581).

² Rev 2. Second DP/i system board. Uses 64K cache p/n 141477-001 - DISCONTINUED (002754).

³ Rev 32. Third DP/i system board. Uses 64K cache p/n 141477-001 - DISCONTINUED (002754).

SW500 Processor Configuration Settings (All Deskpro/i Processor Boards)

Processor	S1	S2	S3	S4
50-MHz ODP; 63 Mhz Pentium OverDrive (P-ODP) *	OFF	ON	ON	ON
66-MHz ODP; 83 Mhz Pentium OverDrive (P-ODP) *	OFF	ON	ON	OFF
386/25-MHz	OFF	ON	OFF	ON
386/33-MHz	OFF	ON	OFF	OFF
486DX/25-MHz, DX2 ODPR; DX4 ODPR	ON	OFF	ON	ON
486DX/33-MHz, DX2 ODPR; DX4 ODPR	ON	OFF	ON	OFF
486DX2/50	ON	OFF	ON	ON
486DX2/66	ON	OFF	ON	OFF
486SX/25	OFF	OFF	OFF	ON
487SX/25	OFF	ON	ON	ON

* Supported on assemblies 2629, 2632, 2635, 3047, 3050, 3053. Also identified by the following configuration codes: HEC, HFW (486SX/25); HED, HFW (486DX/33; HEE, HF2 (486DX2/66).

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SW501 Processor Configuration Settings (Assembly 002566, 002569, 002572, 002575, 002578)

Processor	S1	S2	S3	S4	S5	S6
386	OFF	OFF	OFF	ON	ON	ON
486SX	ON	ON	ON	OFF	OFF	OFF
487SX	ON	ON	ON	OFF	OFF	OFF
486DX	ON	ON	ON	OFF	OFF	OFF
486DX2	ON	ON	ON	OFF	OFF	OFF
50-MHz Overdrive	ON	ON	ON	OFF	OFF	OFF
66-MHz Overdrive	ON	ON	ON	OFF	OFF	OFF

SW502 System Maintenance Configuration Settings (Assembly 002566, 002569, 002572, 002575, 002578)

Switch	Position	Status	Function
S1	ON	Disabled	Turns off integrated video controller.
	OFF*	Enabled	Enables the video controller.
S2	ON	Enabled	Locks the setup information. Cannot change configuration.
	OFF*	Disabled	Allows configuration changes.
S3	ON	Enabled	Sets the diskette drive for Read only.
	OFF*	Disabled	Allows read/write capability.
S4	OFF*	Disabled	Reserved. Switch remains in OFF position.
S5	ON	Enabled	Clears power-on password and administrator password.
	OFF*	Disabled	Allows power-on password and administrator password security feature.
S6	OFF*	Disabled	Reserved. Switch remains in OFF position.

* Default.

SW502 System Maintenance Configuration Settings (Assembly 002623, 002626, 002629, 002632, 002635)

Switch	Position	Status	Function
S1	ON	Disabled	Turns off integrated video controller.
	OFF*	Enabled	Enables the video controller.
S2	ON	Enabled	Locks the setup information. Cannot change configuration.
	OFF*	Disabled	Allows configuration changes.
S3	ON	Enabled	Sets the diskette drive for Read only.
	OFF*	Disabled	Allows read/write capability.
S4	OFF*	Disabled	Reserved. Switch remains in OFF position.
S5	ON	Enabled	Clears power-on password and administrator password.
	OFF*	Disabled	Allows power-on password and administrator password security feature.
S6	OFF*	Disabled	Prevents Flash ROM updates.
	ON	Enabled	Permits Flash ROM updates.

* Default.

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Audio Configuration Jumpers

(Assembly 002566, 002569, 002572, 002575, 002578)

Function	Jumper	Pins to Connect	Note
Select IRQ07	E3	1 - 2	Selects interrupt request.
Select IRQ10	E6	1 - 2	Only one request is
Select IRQ11	E1	1 - 2	selected at a time.
Select DMACH0 for capture	E4	1 - 2	Selects capture and
Select DMACH0 for	E4	2 - 3	playback channels. Only
playback	E7	1 - 2	one capture and one
Select DMACH1 for capture	E7	2 - 3	playback channel can be
Select DMACH1 for	E9	1 - 2	selected.
playback	E9	2 - 3	
Select DMACH3 for capture			
Select DMACH3 for			
playback			
Select I/O address range			Selects the I/O address
608h-60bh	E8	1 - 2	range for accessing the
534h-537h	E8	2 - 3	audio circuitry.
Audio	E2	1 - 2	Audio enabled.
	E2	2 - 3	Remove all other
			jumpers if audio is
			disabled.

Memory	Assembly	Spare Part
1 MB Memory Module	118666	118740-001
		DISCONTINUED
2 MB Memory Module	118667	113923-001
		DISCONTINUED
4 MB Memory Module	118665	118741-001
	137854	
8 MB Memory Module	129041	128954-001
64 KB Cache Module	002581	141345-001
		DISCONTINUED
64 KB Cache Module	002754	141477-001
512 VRAM Module	002593	141335-001

Controller Boards	Assembly	Spare Part
6260 SCSI-2 Controller Board *	004004	146993-001
Ethernet 16TP Controller Board	003086	147220-001
QVision 1280/I Controller Board *	002951	139182-001
		DISCONTINUED
Tape Adapter Board *	000774	113259-001

* See Multiproduct Boards Appendix, for settings.

Miscellaneous Internal	Assembly	Spare Part
14.4 bps Fax/Modem **	193052-002	193080-001
		DISCONTINUED
Backplane Board	002584	141348-001
		DISCONTINUED
Serial/Parallel Interface Board *	000990	106886-001

* See Multiproduct Boards Appendix, for settings.

** See Modem Configuration Information Appendix for settings.

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Hard Drives

Size	Type	Inter-leave	Inte-grated	Min ROM	Spare Part	Controller Assembly
84 MB	27	1:1	Y	051592	141814-001	N/A
120 MB	50	1:1	Y	051592	143316-001	N/A
210 MB	51	1:1	Y	051592	124013-001 ¹ 161956-001 ^{2,3} 162096-001 ^{2,4}	N/A
240 MB	1	1:1	Y	082192	143332-001	N/A
330 MB SCSI	N/A	1:1	N	N/A	142037-001	004004
340 MB	63	1:1	Y	051592	128141-001	N/A
340 MB	63	1:1	Y	020593	160044-001 DISCONTINUED ¹ 111883-001 ²	N/A
510 MB	61	1:1	Y	051592	128142-001	N/A
550 MB SCSI	N/A	1:1	N	N/A	142038-001	004004
1.05 GB SCSI	N/A	1:1	N	N/A	192799-001	004004

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

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

* With compression.

** Uses Tape Adapter 113259-001.

Diskette Drives

Spare Part

1.2 MB	141367-001
1.44 MB *	141350-001

* 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.

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Cables	Used With	Spare Part
Diskette Signal Cable	1.44 Diskette	141186-001 DISCONTINUED
Hard Drive Signal Cable	All Drives	141187-001 DISCONTINUED
LED Cable	System lights	141346-001
SCSI Signal – 3 Connector Cable	SCSI Adapter	146997-001
VESA Connector Cable		139166-001 DISCONTINUED
VGA Pass-Through Cable	Video	141317-001 DISCONTINUED

Processor/Coprocessor Locations

Processor Board	Processor Location	Coprocessor Location
386DX/25 (002566)	U9	U10
386DX/25 (002623)	U21	U13
386DX/33 (002569)	U9	U10
386DX/33 (002626)	U21	U13
486SX/25 (002572)	U36	N/A
486SX/25 (002629)	U21	N/A
486DX/33 (002575)	U36	N/A
486DX/33 (002632)	U102	N/A
486DX/66 (002578)	U36	N/A
486DX2/66 (002635)	U102	N/A

System ROM Information

System	ROM Location
386DX/25 (002566)	U103
386DX/25 (002623)	U43
386DX/33 (002569)	U103
386DX/33 (002626)	U43
486SX/25 (002572)	U103
486SX/25 (002629)	U43
486DX/33 (002575)	U103
486DX/33 (002632)	U43
486DX/66 (002578)	U103
486DX2/66 (002635)	U43

System ROM Revisions (Spare Part 141437-001 - DISCONTINUED) (Assembly 002566, 002569, 002572, 002575, 002578)

Revision	Number On ROM
051592	141069-003
082192	141069-004
090392	141069-005

System ROM Revisions (ROMPac Spare Part 147222-001) (Assembly 002623, 002626, 002629, 002632, 002635)

Revision	Spare Part
101592	141247-003
020593	141437-001 DISCONTINUED

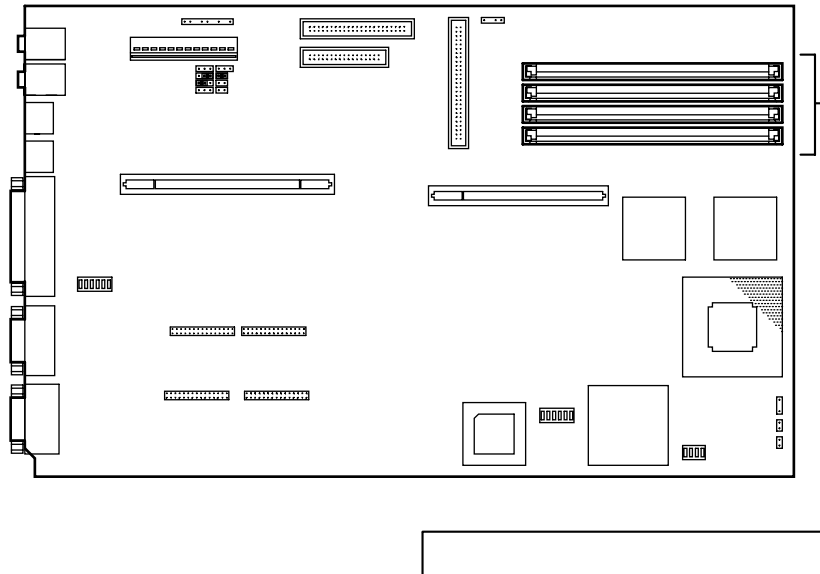
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Battery/Power Supply	Spare Part
Battery/Clock Module	126570-001
Power Supply	137633-001 (115 V)
	DISCONTINUED
	141337-001 (230 V)
	DISCONTINUED

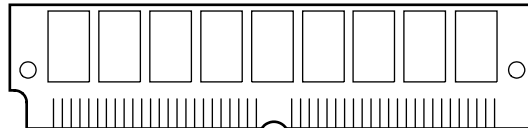
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Memory Upgrade Chart

PROCESSOR BOARD (4 MEGABYTES)
Assy # 002566/002569/002578/002575/002623/
002626/002629/002632/002635



ADD ANY 4 OF THE FOLLOWING UP
TO 32-MB TOTAL SYSTEM MEMORY



1-MB MEMORY MODULE
SPARE PN 118740-001

2-MB MEMORY MODULE
OPTION PN 118689-001

4-MB MEMORY MODULE
OPTION PN 118690-001

8-MB MEMORY MODULE
OPTION PN 128877-001