

DESKPRO/i FAMILY

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

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

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

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

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

Processor	S1	S2	S3	S4
386/25-MHz	OFF	ON	OFF	ON
386/33-MHz	OFF	ON	OFF	OFF
486SX/25	OFF	OFF	OFF	ON
487SX/25	OFF	ON	ON	ON
487SX/33, ODP66; ODP DX4/100	???	???	???	???
486DX/25-MHz, DX2 ODP; DX4 ODP	ON	OFF	ON	ON
486DX/33-MHz, DX2 ODP; DX4 ODP	ON	OFF	ON	OFF
486DX2/50	ON	OFF	ON	ON
486DX2/66	ON	OFF	ON	OFF
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

* 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).

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

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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 selected at a time.
Select IRQ11	E1	1 - 2	
Select DMACH0 for capture	E4	1 - 2	Selects capture and playback channels. Only one capture and one playback channel can be selected.
Select DMACH0 for playback	E4	2 - 3	
Select DMACH1 for capture	E7	1 - 2	
Select DMACH1 for playback	E7	2 - 3	
Select DMACH3 for capture	E9	1 - 2	
Select DMACH3 for playback	E9	2 - 3	
Select I/O address range			Selects the I/O address range for accessing the audio circuitry.
608h-60bh	E8	1 - 2	
534h-537h	E8	2 - 3	
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
2 MB Memory Module	118667	113923-001
4 MB Memory Module	118665	118741-001
	137854	
8 MB Memory Module	129041	128954-001
64 KB Cache Module	002581	141345-001
64 KB Cache Module	002754	141477-001
512 VRAM Module	002593	141335-001

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

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

** See Volume 2 Appendix, Modem Configuration Information.

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

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

** See Volume 2 Appendix, Modem Configuration Information.

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Hard Drives

Size	Type	Inter-leave	Integrated	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 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 *	122087-001	80 MB (DC2080)	116966-001
(1/2 height)		120 MB (DC2120)	116967-001
80/120 MB *	131337-001	80 MB (DC2080)	116966-001
(1/3 height)		120 MB (DC2120)	116967-001
120/250 MB *	197490-001	120 MB (DC2120)	116967-001
(1/2 height)			
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.

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

SCSI Signal - 3 Connector Cable

SCSI Adapter

146997-001

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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)

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

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

System ROM Revisions (ROMPaq Spare Part 147222-001)

(Assembly 002623, 002626, 002629, 002632, 002635)

Revision	Spare Part
101592	141247-003
020593	141437-001

Power Supply/Battery

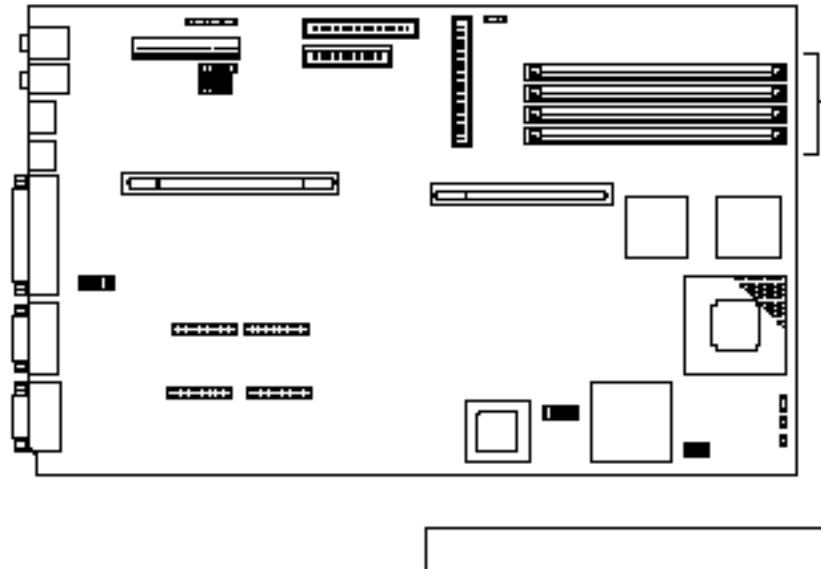
Power Supply/Battery	Spare Part
Power Supply	137633-001 (115 V)
	141337-001 (230 V)
Battery/Clock Module	126570-001

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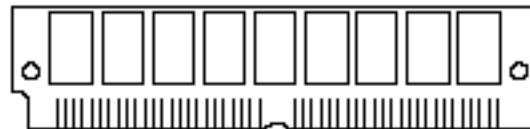
MEMORY UPGRADE CHART

PROCESSOR BOARD (4 MEGABYTES)

Assy # 002565/002569/002578/002575/002523/
002525/002529/002532/002535



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 126877-001