

Deskpro 386

Support Discontinued

System Boards	Assembly	Spare Part
386 System Board *	000401	Not Available
386 System Board **	000558	Not Available
* 287 Coprocessor Option.		** 287 and 387 Coprocessor Option.

System Board SW1 Switch Settings (Assembly 000558)								Function
1	2	3	4	5	6	7	8	
ON								Reserved
	OFF*							No coprocessor installed
	ON							Coprocessor installed
		OFF*						80287-8 coprocessor speed 8 MHz
		ON						80287-3 or -6 coprocessor speed 4 MHz
			ON*					CPU boot speed 16 MHz except when accessing diskette drive, then 8 MHz
			OFF					CPU boot speed 16 MHz (always)
				OFF				Reserved
					ON*			Compaq VDU and EGA compatible EGA, RGBI, or VGC
					OFF			3rd-party monochrome (MDA only)
						ON*		80287-3, -6, or -8 coprocessor or no coprocessor installed
						OFF		387-16 coprocessor
							ON	Reserved

* Default.

System Board SW1 Switch Settings (Assembly 000401)							Function
1	2	3	4	5	6		
ON							Reserved
	OFF*						80287 coprocessor not installed
	ON						80287 coprocessor installed
		OFF*					Coprocessor speed 8 MHz
		ON					Coprocessor speed 4 MHz
			ON*				CPU boot speed 16 MHz except when accessing diskette drive, then 8 MHz
			OFF				CPU boot speed 16 MHz (always)
				OFF			Reserved
					ON*		Compaq VDU, Compaq EGA, compatible EGA, RGBI, or VGC
					OFF		Third party monochrome (MDA only)

* Default.

Deskpro 386

Support Discontinued

Memory Boards	Assembly	Spare Part
32-Bit System Memory Board	000413	Not Available
1 - 2 MB 32-Bit Memory Board	000450	Not Available
0.5 - 2.0 MB 16-Bit Memory Board	000458	Not Available
4 - 8 MB 32-Bit Memory Board	000459	Not Available

32-Bit System Memory Board (000413)

Jumper	Function
E1 to E2, E4 to E5	256 KB base memory
E2 to E3, E4 to E5	512 KB base memory
E2 to E3, E5 to E6 *	640 KB base memory
E7 to E8 *	Disables extended memory
E8 to E9	Enables extended memory

CAUTION: DO NOT connect E3 to E4 or E6 to E7. System board damage may occur.

* Default.

0.5 to 2 MB 16-Bit Memory Board (000458)

Jumper	Base Address
1 to 2, 4 to 5 *	4 MB
1 to 2, 5 to 6	6 MB
2 to 3, 4 to 5	10 MB
2 to 3, 5 to 6	12 MB

* Default.

1- to 2-MB (000450) and 4- to 8-MB (000459) 32-Bit Memory Expansion Boards

J101

Setting	1- to 2-MB Board	4- to 8-MB Board
1 to 2	Enables second 1 MB of memory	Disables second 4 MB of memory
2 to 3 *	Disables second 1 MB of memory	Disables second 4 MB of memory

* Default.

Memory Chips	Spare Part
256 X 1 (100 ns) SCRAM	Not Available
1 MB X 1 (100 ns) SCRAM	Not Available

Controller Boards	Assembly	Spare Part
15 MHz ESDI Controller Board *	001283 001628	121667-001
ESDI 130/300 Controller Board *	WD1007AWAH	Not Available
ESDI/Diskette Controller Board *	001472	115374-001
ESDI External 300/600 Board *	001091	115839-001
ESDI Hard Drive (3:1) Board *	WD1005WAH	Not Available
Hard Drive Controller Board *	WD1002WAH	102778-001
Multipurpose Hard Drive Board *	000815	Not Available
Tape Adapter Board *	000774	113259-001

* See Multiproduct Boards Appendix, for settings.

Deskpro 386

Support Discontinued

Video Boards	Assembly	Spare Part
Advanced Graphics 1024 Board ***	109958	114201-001
Advanced Graphics Memory Board	109959	114202-001
Enhanced Color Graphics Board * ***	000410	Not Available
Enhanced Color Graphics Board * ***	000471	109196-001
QVision 1024/I Controller Board ***	002163	126655-001
Video Display Controller Board (VDU) ***	000031	101340-001
	000160	
	000345	
	000525	
Video Graphics Controller Board (VGC) * ** ***	000806	109253-001
	001241	
	109360	

* ECG and VGC require system ROM E or later.

** Required for the Advanced Graphics Color Monitor to display both normal VGA and high-resolution video (single-monitor configuration).

*** See Multiproduct Boards Appendix, for settings.

Miscellaneous	Assembly	Spare Part
2400-Baud Internal Modem	001070	Not Available
9600/2400 Fax Modem **		197458-001
Serial/Parallel Interface Board *	000570	106886-001
Serial/Parallel Interface Board *	000990	106886-001

* See Multiproduct Boards Appendix, for settings.

** See Modem Configuration Information Appendix.

Hard Drives						
Size	Type	Inter-leave	Inte-grated	Min ROM	Spare Part	Controller Assembly
40 MB	17	3:1	Y	F	Not Available	000815
40 MB	22 ¹	1:1	Y	K.2	Not Available	000815
70 MB	12	2:1	N	F	Not Available	WD1002WAH
84 MB	27	1:1	Y	F	Not Available	000815
100 MB	45	1:1	Y	G	142365-001 ⁶	000815
120 MB ⁵	45	1:1	Y	G	111910-001 ⁷	000815
130 MB ²	25 ³	3:1	N	F	Not Available ⁶	WD1005WAH
	35 ³	1:1		F	111912-001 ^{7, 8}	WD1007AWAH
					111913-001 ^{7, 9}	
340 MB ⁴	28	1:1	Y	K.2	194525-001 ⁶	WD1005WAH WD1007AWAH
Hard Drive Expansion Unit (300 MB only)						001091
						001283
						001472
						001628

¹ Type 17 if ROM earlier than K.2 is used.

² Comes formatted as type 35 for the WD1007AWAH controller. If used with the WD1005WAH controller (type 25), you must perform an unconditional format followed by a surface analysis using Advanced Diagnostics 5.04 or greater.

³ MS-DOS 3.1 or earlier supports type 25 only. MS-DOS 3.2 or later supports either type. Use type 25 if the application software supports only 17 sectors per track.

⁴ Formats to 319 MB

⁵ Formats to 100 MB

⁶ Except Europe

⁷ Europe only

⁸ Black bezel

⁹ Gray bezel

Deskpro 386

Support Discontinued

Tape Drives	Spare Part	Tape Cartridge	Spare Part
40 MB	108081-001 (black bezel) 120330-001 (gray bezel)	40 MB (DC2000)	108142-001
135 MB	113218-001 (black bezel) 113227-001 (gray bezel)	135 MB (DC600 XTD)	113234-001
150/250 MB	115368-001 (black bezel) 115367-001 (gray bezel)	150 MB (DC6150) 250 MB (DC6250)	113234-001 115298-001

Diskette Drives	Spare Part
360 KB	102928-001 (black bezel) 120329-001 (gray bezel)
1.2 MB	102775-001 (black bezel) 120331-001 (gray bezel)
1.44 MB *	113263-001 (black bezel) 113264-001 (gray bezel)

* Requires system ROM H.8 or later for use with MS-DOS and system ROM J.4 or later for use with MS OS/2 Version 1.1. Requires MS-DOS Version 3.31 Revision A if installed as drive B, MS-DOS Version 3.31 Revision B if installed as drive A.

Cables	Used With	Spare Part	Desc.
Diskette/Tape Signal Cable ¹	All Diskette Drives 40-MB Tape Drives	101380-002	
External I/O Cable ²	Expansion Unit	115810-001	
Hard Drive Signal Cable	Single 40-MB Hard Drive	108086-001	
Hard Drive Signal Cable	Dual 40-MB Hard Drive	108087-001	
Hard Drive Signal Cable	130-MB Hard Drive	100625-005	34 Pin
Hard Drive Signal Cable	130-MB Hard Drive	100625-006	20 Pin
Mass Storage Power Cable ¹	All Diskette Drives, Tape Drives, Hard Drives	101137-001	
Tape Signal Cable	135-MB Tape Drives 150-/250-MB Tape Drives	113198-001	
Telephone Cable ³	Modem	112666-001	
VGA Pass-Through Cable	Advanced Graphics	114229-001	

¹ Part of kit 108146-001. ² Part of kit 108249-001. ³ U.S. and Canada only.

Coprocessor/Processor	Location System Board 000558	Location System Board 000401
Coprocessor (387-16)	U60	N/A
Coprocessor (80287-3, -6, or -8)	U42	U39
Processor (386-16)	U76	U56

Deskpro 386

Support Discontinued

System ROM Locations

System Board	Location	
000401	U13 ODD	U11 EVEN
000558	U15 ODD	U13 EVEN

System ROM Revisions (Spare Part 108283-001)

Revision	Number on ODD ROM	Number on EVEN ROM
E	108284-001	108285-001
F	108327-001	108328-001
G	108327-002	108328-002
H.8	113269-008	113270-008
J.4	109591-001	109592-001
K.2	109591-003	109592-003
M.1	109591-004	109592-004
N.1	109591-005	109592-005

Battery/Power Supply

	Spare Part
Battery	160272-001
Power Supply	108065-001 (110 Volt) 120161-001 (220 Volt)

Deskpro 386

Support Discontinued

Memory Upgrade Chart

