

DESKPRO 386/25

System Boards	Assembly	Spare Part
386 System	000944/ 001056 001069/001118	115526-001

SW1 Switch Settings (System Board 000944, 001056, 001069, & 001118)

1	2	3	4	5	6	7	8	Function
ON								Reserved
	OFF*							387 coprocessor not installed
	ON							387 coprocessor installed
		OFF*						Cachable mem 0 - 16MB
		ON						Cachable mem 0 - 12MB
			ON*					CPU boot speed 25 MHz except 8 MHz when accessing diskette drive
			OFF					CPU boot speed 25 MHz
				OFF				Reserved
					ON*			Compaq VDU, EGA, RGBI or VGC
					OFF			Third-party monochrome (MDA only)
						ON*	ON*	640 KB base memory
						OFF	OFF	256 KB base memory
						OFF	ON	512 KB base memory

* Default.

Jumper Settings (System Board 000944, 001056, 001069, & 001118)

Jumper E14	Location	Function
1 - 2 *	Pins closest to 50 MHz crystal	25 MHz processor speed 8.33 MHz bus speed
2 - 3	Pins closest to 48 MHz crystal	24 MHz processor speed 8.00 MHz bus speed

* Default.

Memory Boards	Assembly	Spare Part
1 MB System Memory	000752/001103	113224-001
4 MB System Memory	000765	113222-001
4 MB Memory Module	000758/000993 001166-001/002	113226-001
1 MB Memory Module	000762/000981 001076 001151-001 001256/001259	113225-001

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Controller Boards	Assembly	Spare Part
Tape Adapter *	000774	113259-001
Multipurpose Hard Drive *	000957	115511-001
Multipurpose ESDI Board	000996	115519-001
ESDI External 300/600 *	001091	115839-001
15 MHz ESDI Controller *	001628/001283	121667-001
ESDI/Diskette Controller *	001472	115374-001

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

SW500 Settings

Multipurpose ESDI Hard Drive Controller Board (000996)

1	2	3	4	5	6	Function
OFF*						Primary diskette and Hard Drive address select (3FX and 1FX)
ON						Secondary diskette and Hard Drive address select (37X and 17X)
	OFF*					Enable Hard Drive
	ON					Disable Hard Drive
		OFF*	OFF*			Serial interface COM1 IRQ4
		ON	OFF			Serial interface COM2 IRQ3
		ON	ON			Disable serial interface
				OFF*	ON*	Select printer interface LPT1
				ON	OFF	Select printer interface LPT2
				OFF	OFF	Select printer interface LPT3
				ON	ON	Disable printer interface

* Default.

Jumper Settings

Multipurpose ESDI Hard Drive Controller Board (000996)

Jumper	Setting	Function
J1	1-2	ESDI = IRQ 12
	3-4 *	ESDI = IRQ 14
	5-6	ESDI = IRQ 15
J2	1-2 *	Printer = IRQ 7
	3-4	Printer = IRQ 5

* Default.

Video Boards	Assembly	Spare Part
Video Display Unit (VDU) ***	000031/000160	101340-001
	000345	
Video Display Unit (VDU) ***	000525	101340-001
Video Graphics Controller Board (VGC) * ** ***	000806/001241	109253-001
	109360	
Advanced Graphics 1024 ***	109958	114201-001
Advanced Graphics Memory	109959	114202-001
QVision 1024/I Controller Board ***	002163	126655-001

* VGC requires system ROM K.2 or later.

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

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

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

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

** See Volume 2 Appendix, Modem Configuration Information.

Hard Drives

Size	Type	Inter-leave	Integrated	Min ROM	Spare Part	Controller Assembly
60 MB ¹	47	2:1	Y	K.2	Not Available	000957
60 MB	47	1:1	Y	K.2	Not Available	000957
84 MB	27	1:1	Y	K.2	Not Available	000957
100 MB	45	1:1	Y	K.2	142365-001 ³	000957
110 MB	33	1:1	Y	K.2	Not Available	000957
120 MB	50	1:1	Y	N.1	136918-001 ³ 111910-001 ⁴	000957
300 MB ¹	38	1:1	N	K.2	Not Available ³ 111914-001 ^{4, 5} 111915-001 ^{4, 6}	000996
320 MB	28	1:1	Y	K.2	111918-001 ⁴	000996
340 MB ^{1,2}	28	1:1	Y	K.2	194525-001 ^{3, 7}	000996
Hard Drive Expansion Unit (300-/650-MB)						001091 001283 001472 001628

¹ Requires MS-DOS 3.3 or later.

² Formats to 319 MB

³ Except Europe

⁴ Europe only

⁵ Black bezel

⁶ Gray bezel

⁷ Contains IDE interface hard drive. If system has two ESDI hard drives, is used in an Expansion Unit, or with the Advanced ESDI Controller (WD1009), order 115182-001 hard drive kit.

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 (DC600 XTD) 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 MS-DOS Version 3.31 Revision A if installed as drive B, and MS-DOS Version 3.31 Revision B if installed as drive A.

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Cables	Used With	Spare Part	Description
Diskette/Tape Signal ¹	All Diskette Drives 40-MB Tape	101380-002	
Tape Signal	135- and 150-/250-MB Tape Drives	113198-001	
Mass Storage Power ¹	All Diskette Tape and Hard Drives	101137-001	
Hard Drive Signal ¹	60-,84- and 110-MB Hard Drives	108086-001	
Hard Drive Signal ¹	60-,84- and 110-MB Hard Drives (Dual Drives)	108087-001	
Hard Drive Signal Cable ²	300-MB Hard Drives	100625-005 100625-006	34 Pin 20 Pin
External I/O Cable	Expansion Unit	115810-001	
VGA Pass-Through	Advanced Graphics	114229-001	
Telephone Cable ³	Modem	112666-001	

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

Processor/Coprocessor Locations

Part	Location
Processor (386-25)	U72
Coprocessor (387-25)	U73
Weitek 3167 Coprocessor	U57
Cache (82385-25)	U59

System ROM Locations

U10 ODD	U2 EVEN
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System ROM Revisions (Spare Part 108283-001)

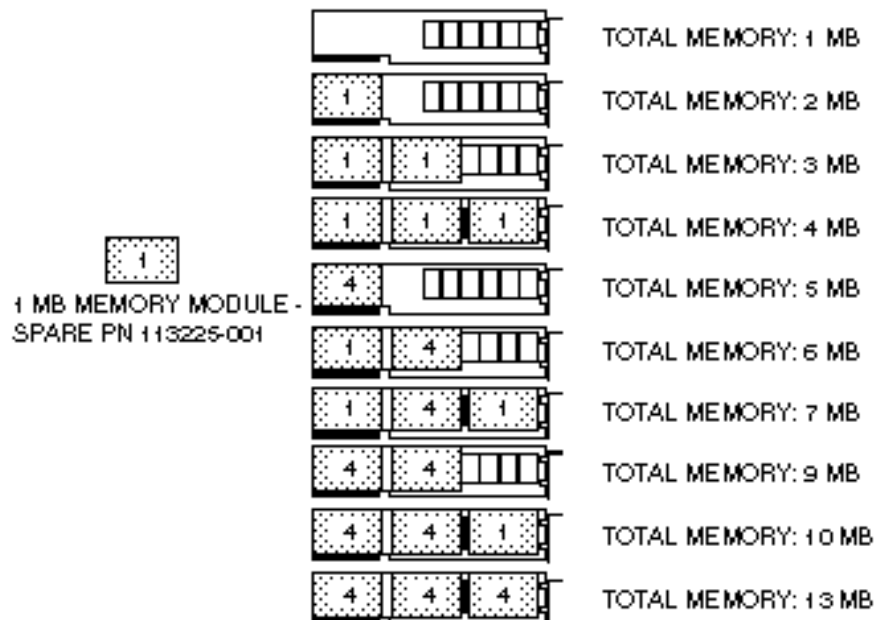
Revision	Number on ODD ROM	Number on EVEN ROM
K.2	109591-003	109592-003
M.1	109591-004	109592-004
N.1	109591-005	109592-005

Power Supply/Battery	Spare Part
Power Supply	108065-001 - 110 V 120161-001 - 220 V
Battery	160272-001

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Memory Upgrade Chart

1 MB SYSTEM MEMORY BOARD - SPARE PART NO. 113224-001



NOTE

ADD MEMORY MODULES AS
SHOWN TO OBTAIN DESIRED
MEMORY CONFIGURATION

4 MB SYSTEM MEMORY BOARD - SPARE PART NO. 113222-001

