

The following pages were
extracted from the:

*COMPAQ SERVICE
QUICK REFERENCE GUIDE*

DP386/25

COMPAQ DESKPRO 386/25

BOARD COMPATIBILITY LIST

Product	Assy No.	Spare Part No.	Page
SYSTEM BOARDS			
386 System	000944/001056/ 001069/001118	115526-001	127
MEMORY BOARDS			
1MB System Mem	000752/001103	113224-001	X
4MB System Mem	000765	113222-001	X
4MB Memory Module	000758/000993/ 001166-001/002	113226-001	X
1MB Memory Module	000762/000981/ 001076/001151-001 001256/001259/	113225-001	X
CONTROLLER BOARDS			
Tape Adapter	000774	113259-001	A-3
Multipurpose Fixed Disk	000957	115511-001	A-3
Multipurpose ESDI	000996	115519-001	128
ESDI External 300/600	001091	115839-001	A-3
15 MHz ESDI Cntrl	001283/001628	115188-001	A-4
ESDI/Diskette Cntrl	001472	115374-001	A-4
VIDEO BOARDS			
VDU	000031/000160/ 000345	101340-001	A-5
VDU	000525	101340-001	A-7
VGC*	000806/001241 109360	109253-001	A-7
Advanced Graphics 1024	109958	114201-001	A-8
Advanced Graphics Memory	109959	114202-001	X
* VGC requires system ROM K.2 or later			
MISCELLANEOUS			
Serial/Parallel Interface	000570	106886-001	A-8
Serial/Parallel Interface	000990	106886-001	A-9
2400-Baud Int. Modem	001070	112893-001	X

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FIXED DISK DRIVES

Drive Size	Drive Type	Inter-leave	Inte-grated	Min ROM	Spare Part No.	Controller Assy No.
60 MB ^{1*}	47	2:1	Y	K.2	113217-001	000957
60 MB*	47	1:1	Y	K.2	115649-001	000957
84 MB	27	1:1	Y	K.2	115668-001	000957
110 MB*	33	1:1	Y	K.2	115579-001	000957
300 MB ¹	38	1:1	N	K.2	113219-001	000998
650 MB ²	49	1:1	N	N.1	115181-001	001283, 001472, 001628
300 MB ²	38	1:1	N	K.2	113219-001	001091, 001283, 001472, 001628

* See page A-13 for dual fixed disk drive jumper settings and configuration information.

¹ Requires MS-DOS 3.3 or later.

² Used in Fixed Disk Expansion Unit. Requires MS-DOS 3.3 or later.

³ Disable diskette circuitry when using as a fixed disk drive controller.

TAPE DRIVES

Drive Size	Spare Part No.	Tape Cartridge	Spare Part No.
40 MB	108081-001	40 MB (DC 2000)	108142-001
135 MB	113218-001	135 MB (DC 600 XTD)	113234-001
150/250 MB	115368-001	150 MB (DC 800 XTD)	113234-001
		250 MB	115298-001

DISKETTE DRIVES

Size	Spare Part No.
360 KB	102928-001
1.2 MB	102775-001
1.44 MB*	113263-001

*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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CABLE INFORMATION

Cable Function	Used With	Spare Part No.	
Diskette/Tape Signal ¹	All Diskette Drives 40-MB Tape	101380-002	
Tape Signal	135- & 150/250-MB Tape Drives	113198-001	
Mass Storage Power ¹	All Diskette, Tape & Fixed Disk Drives	101137-001	
FDD Signal ²	60-MB FDD 60-MB 1:1 FDD 84- & 110-MB FDD	108086-001	
FDD Signal (Dual Drives)	60-MB FDD 60-MB 1:1 FDD 84- & 110-MB FDD	108087-001	
FDD Signal ³	300-MB FDD 650-MB FDD	100625-005 100625-006	34 Pin 20 Pin
External I/O	Expansion Unit	115810-001	
Telephone Cable	Modem	112666-001	

¹ Part of kits 102934-001 & 108146-001 ³ Part of kit 108249-001

² Part of kit 108146-001

BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000944, 001056, 001069, & 001118)

SW1 SETTINGS

1	2	3	4	5	6	7	8	Function
ON								Reserved
	ON							387 coprocessor installed
	OFF*							387 coprocessor not installed
		ON						Cachable mem 0 - 12MB
		OFF*						Cachable mem 0 - 16MB
			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			3rd-party monochrome (MDA only)
						OFF	OFF	256 KB base memory
						OFF	ON	512 KB base memory
						ON*	ON*	640 KB base memory

* Default

E14 Setting	Location	Function
1 - 2*	Pins closest to 50-MHz crystal	25-MHz processor speed
2 - 3	Pins closest to 48-MHz crystal	24-MHz processor speed

*Default

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BOARD JUMPER/SWITCH SETTINGS (Cont'd)

MULTIPURPOSE ESDI FIXED DISK DRIVE CONTROLLER BOARD
(000996)
SW500 Settings

1	2	3	4	5	6	Function
OFF*						Primary diskette & fixed disk drive address select (3FX & 1FX)
ON						Secondary diskette & fixed disk drive address select (37X & 17X)
	OFF					Enable fixed disk drive
	ON					Disable fixed disk 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

Jumper	Setting	Function
J1	1-2	ESDI = IRQ12
	3-4	ESDI = IRQ14
	5-6	ESDI = IRQ15
J2	1-2	Printer = IRQ7
	3-4	Printer = IRQ5

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PROCESSOR/COPROCESSOR LOCATIONS

<u>Processor (386-25)</u>	<u>Coprocessor (387-25)</u>
U72	U73
<u>Weitek 3167 Coprocessor</u>	<u>Cache (82385-25)</u>
U57	U59

SYSTEM ROM INFORMATION

SYSTEM ROM LOCATIONS

U10 ODD
U2 EVEN

SYSTEM ROM REVISIONS (Spare Part No. 108283-001)

<u>Rev</u>	<u>PN on ODD ROM</u>	<u>PN on EVEN ROM</u>
K.2	109591-003	109592-003
M.1	109591-004	109592-004
N.1	109591-005	109592-005






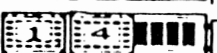
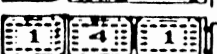


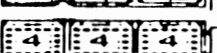
POWER SUPPLY

Spare Part No. 108065-001

BATTERY





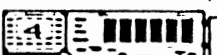



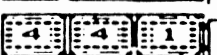

Spare Part No. 102929-001

1 MEGABYTE BASE MEMORY BOARD

TOTAL MEMORY: 1 Megabyte	
TOTAL MEMORY: 2 Megabytes	
TOTAL MEMORY: 3 Megabytes	
TOTAL MEMORY: 4 Megabytes	
TOTAL MEMORY: 5 Megabytes	
TOTAL MEMORY: 6 Megabytes	
TOTAL MEMORY: 7 Megabytes	
TOTAL MEMORY: 9 Megabytes	
TOTAL MEMORY: 10 Megabytes	
TOTAL MEMORY: 13 Megabytes	

 1 MEGABYTE MEMORY MODULE - 113131-001

4 MEGABYTE BASE MEMORY BOARD (113198-001)

TOTAL MEMORY: 4 Megabytes	
TOTAL MEMORY: 5 Megabytes	
TOTAL MEMORY: 6 Megabytes	
TOTAL MEMORY: 7 Megabyte	
TOTAL MEMORY: 8 Megabytes	
TOTAL MEMORY: 9 Megabytes	
TOTAL MEMORY: 10 Megabytes	
TOTAL MEMORY: 12 Megabytes	
TOTAL MEMORY: 13 Megabytes	
TOTAL MEMORY: 16 Megabytes	

 4 MEGABYTE MEMORY MODULE - 113132-001

COMPAQ DESKPRO 386/25 MEMORY UPGRADE CHART