

The following pages were
extracted from the:

*COMPAQ SERVICE
QUICK REFERENCE GUIDE*

DP386s

COMPAQ DESKPRO 386s

BOARD COMPATIBILITY LIST

Product	Assy No.	Spare Part No.	Page
SYSTEM BOARDS			
386SX System	000954*/001145 001148**/001157 001644	112572-001	105
* Comes with VGC Board (Assy No. 001059) mounted on system board			
** Comes with 1-MB Memory Module (Assy No. 000981 or 001076) mounted on system board.			
MEMORY BOARDS			
1-MB 16-MHz Mem Exp	000966	112522-001	X
4-MB 16-MHz Mem Exp	000969	112521-001	X
1-MB Mem Module	000981 001076-003/004/007/008 001151-002 001256-003/004/007/008 001259-002	112519-001	X
4 MB Mem Module	000993/001166-002	112520-001	X
CONTROLLER BOARDS			
Tape Adapter	000774	113259-001	A-3
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			
Advanced Graphics 1024	109958	114201-001	A-8
Advanced Graphics Memory	109959	114202-001	X
VGA Pass-Through	001430	114241-001	X
MISCELLANEOUS			
Serial/Parallel Interface	000570	106886-001	A-8
Serial/Parallel Interface	000990	106886-001	A-9
2400-Baud Int Modem	001070	112693-001	X

DP386s

COMPAQ DESKPRO 386s

FIXED DISK DRIVES

Drive Size	Drive Type	Inter-leave	Inte-grated	Min ROM	Spare Part No.	Controller Assy No.
20 MB*	2	1:1	Y	M.3	114485-001	N/A
20 MB*	2	3:1	Y	M.3	112527-001	N/A
40 MB	22	1:1	Y	M.3	112526-001	N/A
40 MB*	43	1:1	Y	M.3	112526-001	N/A
84 MB	27	1:1	Y	M.3	112438-001	N/A
110 MB*	33	1:1	Y	M.3	112525-001	N/A
300 MB ¹	38	1:1	N	M.3	113219-001	001091 001283/001628 001472 ²
320 MB	28	1:1	N	M.3	115182-001	001283/001628

* See page A-13 for single and dual fixed disk drive switch settings and configuration.

¹ Used in Fixed Disk Expansion Unit. Requires MS-DOS 3.3 or later.

² Disable diskette circuitry when using as a fixed disk drive controller.

TAPE DRIVES

Drive Size	Spare Part No.	Tape Cartridge	Spare Part No.
40/60 MB	112524-001	40 MB (DC2000)	108142-001
		60 MB	122086-001
80/120 MB	122087-001	80 MB	116966-001
		120 MB	116967-001
135 MB	112523-001	135 MB (DC600 XTD)	113234-001
150/250 MB	115220-001	150 MB (DC600 XTD)	113234-001
		250 MB	115298-001

DISKETTE DRIVES

Size	Spare Part No.
360 KB	112567-001
1.2 MB	112566-001
1.44 MB*	112565-001

* 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.

CABLE INFORMATION

Cable Function	Used With	Spare Part No.
Diskette/Tape Signal	All Diskette Drives 40/60-MB Tape	113594-001
Mass Storage Power	All Diskette & Tape Drives	113596-001
Mass Storage Power	20-, 40-, 84- & 110- MB FDD - Drive C	101741-001
Mass Storage Power	20-, 40-, 84-, & 110- MB FDD - Drive D	101741-004
Tape Signal	135- & 150/250 MB Tape Drives	113198-002
FDD Signal	20-, 40-, 84-, & 110- MB FDD - Drive C	113595-001
FDD Signal	20-, 40-, 84-, & 110- MB FDD - Drive D	112528-001
Mass Storage Power	320-MB FDD	115215-001
Mass Storage Signal	320-MB FDD	100625-006 115197-001
External I/O	Expansion Unit	115810-001
Telephone Cable	Modem	112666-001
VGA Pass-Through	Adv Graphics	114229-001

DP386s

COMPAQ DESKPRO 386s

BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000954, 001145, 001148, 001157 & 001644)

SW1 SETTINGS

1	2	3	4	5	6	Function
ON*						Enable fail-safe timer
OFF						Disable fail-safe timer
	ON					387SX coproc processor installed
	OFF*					387SX coprocessor not installed
		OFF				Reserved
			ON*			CPU boot speed 16 MHz except when accessing diskette drive, then 8 MHz
			OFF			CPU boot speed 16 MHz (always)
				OFF		Reserved
					ON*	EGA, RGBI, or VGC
					OFF	3rd-party monochrome (MDA only)

* Default

SYSTEM BOARD (000954, 001145, 001148, 001157 & 001644)

SW2 SETTINGS

1	2	3	4	5	6	7	8	Function
OFF*								Primary diskette & fixed disk drive address select (3FX & 1FX)
ON								Secondary diskette & fixed disk drive address select (37X & 17X)
	OFF*							Enable power-on password
	ON							Disable power-on password
		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				Reserved
					ON*	OFF*		Select printer interface LPT1 (3BX)
					OFF	ON		Select printer interface LPT2 (37X)
					ON	ON		Disable printer interface
					OFF	OFF		Reserved
							OFF*	Enable integrated VGC
							ON	Disable integrated VGC

* Default

Continued

DP386s

COMPAQ DESKPRO 386s

BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000954, 001145, 001148, 001157 & 001644)

SW3 Settings

1	2	Function
ON	ON	640 KB base memory limit (default)
ON	OFF	512 KB base memory limit
OFF	OFF	256 KB base memory limit
OFF	ON	Reserved

SW3 Settings (continued)

3	4	5	6	Mem Exp	Memory Mod A	Memory Mod B	Total Mem
ON	ON	ON	ON		1 MB on system board only (default)		
ON	ON	ON	OFF	1 MB			2 MB
ON	ON	OFF	ON	1 MB	1 MB		3 MB
ON	ON	OFF	OFF	1 MB	1 MB	1 MB	4 MB
OFF	ON	ON	OFF	4 MB			5 MB
ON	OFF	OFF	ON	1 MB	4 MB		6 MB
ON	OFF	ON	ON	1 MB	1 MB	4 MB	7 MB
OFF	ON	OFF	ON	4 MB	4 MB		9 MB
ON	OFF	OFF	OFF	1 MB	4 MB	4 MB	10 MB
OFF	ON	OFF	OFF	4 MB	4 MB	4 MB	13 MB

SYSTEM BOARD (000954)

Jumper	Setting	Function
E4	1 - 2	Enable IRQ12 from bus, disable pointing device
E4	2 - 3*	Enable pointing device interface
E3	Jumper on	Reserved
E2	Jumper on	Reserved

* Pins closest to U64

DP386s

COMPAQ DESKPRO 386s

PROCESSOR/COPROCESSOR LOCATIONS

System Board Assy	Processor (386SX-16)	Coprocessor (387SX-16)
000954, 001145	U80	U104
001148, 001157	U97	U115

SYSTEM ROM INFORMATION

SYSTEM ROM LOCATIONS

System Board Assy	System ROM	System Option ROM
000954, 001145	U81 ODD U67 EVEN	
001148, 001157	U90 ODD U74 EVEN	U47 ODD U40 EVEN

SYSTEM ROM REVISIONS (Spare Part No. 112564-001)

Rev	PN on ODD ROM	PN on EVEN ROM
M.3	112593-008	112594-008
N.2	112593-009	112594-009
N.4	112593-010	112594-010
N.5	112593-011	112594-011
P.3	112593-012	112594-012

POWER SUPPLY

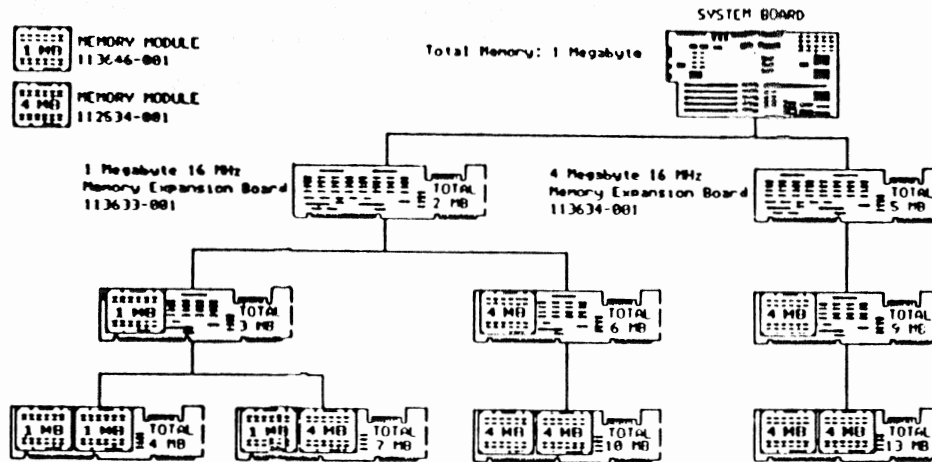
Spare Part No. 112570-001

BATTERY

Spare Part No. 112654-001

BATTERY/CLOCK MODULE

Spare Part No. 107872-001
(Used on System Board 001157)



COMPAQ DESKPRO 386s MEMORY UPGRADE CHART