

The following pages were
extracted from the:

*COMPAQ SERVICE
QUICK REFERENCE GUIDE*

PORT 386

COMPAQ PORTABLE 386

BOARD COMPATIBILITY LIST

Product	Assy No.	Spare Part No.	Page
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SYSTEM BOARDS

80386 System	000510	107683-001	49-51
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MEMORY BOARDS/MODULES

1-2 MB Mem Exp	000579	107686-001	X
4 MB Mem Exp	000582	107688-001	X
4 MB Mem Ext	000585	107685-001	X
512 KB SIMM	000576	107687-001	X

CONTROLLER BOARDS

ESDI External	001091	115839-001	A-3
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VIDEO BOARDS

Enh Color Graphics*	000410	106373-001	A-5
Enh Color Graphics*	000471	109196-001	A-5
Plasma Display	000743	107787-001	X
	000932		A-7
VGC* **	000806/001241/ 109360	109253-001	A-7
Advanced Graphics** 1024	109958	114201-001	A-8
Advanced Graphics** Memory	109959	104202-001	X

* ECG and VGC require system ROM H or later

** Installed in Expansion Unit only

MISCELLANEOUS

2nd Serial*	000715	N/A	X
32-Bit Mem/Modem	000588	107684-001	X
1200-Baud Int Modem	107041	107376-001	X
2400-Baud Int Modem	CEF6CK14373	107791-001	X
Serial/Parallel Interface	000570	106886-001	A-8
Serial/Parallel Interface	000990	106886-001	A-9

*Available outside of the U S and Canada

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COMPAQ PORTABLE 386 BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000510)

<u>Jumper</u>	<u>Function</u>
INTERNAL SERIAL INTERFACE	
E3 2 to 3	
E4 1 to 2	Serial interface as COM1 (3FX, IRQ4)
E8 1 to 2	& modem or 2nd serial interface
E8 3 to 4	as COM2 (2FX, IRQ3) (default)
E9 1 to 3	
E9 2 to 4	
E3 2 to 3	
E4 1 to 2	Serial interface as COM2 (2FX, IRQ3)
E8 1 to 3	& modem or 2nd serial interface
E8 2 to 4	as COM1 (3FX, IRQ4)
E9 1 to 2	
E9 3 to 4	
E3 2 to 3	
E4 2 to 3	
E8 1 to 2	Serial interface as COM1 (3FX, IRQ4),
E8 3 to 4	disable internal COM2
E9 1 to 3	
E9 2 to 4	
E3 1 to 2	
E4 2 to 3	
E8 1 to 2	Serial interface as COM2 (2FX, IRQ3),
E8 3 to 4	disable internal COM1
E9 1 to 2	
E9 3 to 4	
E3 2 to 3	
E4 2 to 3	Modem or 2nd serial interface
E8 1 to 3	as COM1 (3FX, IRQ4),
E8 2 to 4	disable internal COM2
E9 1 to 2	
E9 3 to 4	
E3 1 to 2	
E4 2 to 3	Modem or 2nd serial interface
E8 1 to 3	as COM2 (2FX, IRQ3),
E8 2 to 4	disable internal COM1
E9 1 to 3	
E9 2 to 4	
E3 1 to 2	
E4 1 to 2	
E8 1 to 2	Disable both internal serial interfaces
E8 3 to 4	
E9 1 to 3	
E9 2 to 4	

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FIXED DISK DRIVES

Drive Size	Drive Type	Inter-leave	Inte-grated	Min ROM	Spare Part No.	Controller Assy No.
40 MB	17	3:1	Y	H.2	107357-001	N/A
40 MB ¹	43	1:1	Y	J	114106-001	N/A
100 MB	45	3:1	Y	H.2	107790-001	N/A
110 MB ¹	33	1:1	Y	K	107982-001	N/A
300 MB ²	38	1:1	N	K	113219-001	001091

¹ Requires MS-DOS 3.2 or later

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

TAPE DRIVE

Drive Size	Spare Part No.	Tape Cartridge	Spare Part No.
40 MB*	107785-001	40 MB (DC2000)	108142-001

*Used in Expansion Unit only

DISKETTE DRIVES

Size	Spare Part No.
360 KB	107360-001
1.2 MB	107359-001
1.44 MB*	109595-001

*Requires system ROM J 2 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, and MS-DOS Version 3.31 Revision B if installed as drive A.

CABLE INFORMATION

Cable Function	Used With	Spare Part No.
Mass Storage Power	Internal Fixed Disk Drives	101741-003
Mass Storage Power	Fixed Disk Drives (Drive D)	101741-004
FDD Signal	Internal Fixed Disk Drives	107798-001
Diskette Controller	All Diskette Drives (Single Drive)	107177-001
Diskette Controller	All Diskette Drives (Dual Drives)	107177-002
Display Data	Display	107171-001
Display Control	Display	107173-001
Display Intensity	Display	107174-001
Display Power	Display	107175-001
RGB Port	Display	107172-001
Modem Jack	Modem (RJ11 - RJ11)	107518-001
Cable Kit		107382-001

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BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000510)

Jumper	Function
MASS STORAGE DEVICES	
E5 1 to 2	Enable fixed disk drive (default)
E5 2 to 3	Disable fixed disk drive
E6 2 to 3	Diskette drive primary address (default)
E6 1 to 2	Diskette drive secondary address
TOTAL 32-BIT MEMORY INSTALLED	
E15 1 to 2	
E16 1 to 2	1 Megabyte (default)
E17 1 to 2	
E15 2 to 3	
E16 1 to 2	2 Megabyte
E17 1 to 2	
E15 1 to 2	
E16 2 to 3	3 Megabyte
E17 1 to 2	
E15 2 to 3	
E16 2 to 3	4 Megabyte
E17 1 to 2	
E15 1 to 2	
E16 2 to 3	6 Megabyte
E17 2 to 3	
E15 2 to 3	
E16 2 to 3	10 Megabyte
E17 2 to 3	
32-BIT MEMORY USED AS BASE MEMORY	
E13 1 to 2 & E14 1 to 2	640 Kbyte (default)
E13 1 to 2 & E14 2 to 3	512 Kbyte
E13 2 to 3 & E14 2 to 3	256 Kbyte
INTERNAL PARALLEL PRINTER INTERFACE	
E1 2 to 3 & E2 1 to 2	LPT1 (default)
E1 1 to 2 & E2 2 to 3	LPT2
E1 1 to 2 & E2 1 to 2	LPT3
E1 2 to 3 & E2 2 to 3	Disable interface
E7 1 to 2	Primary Interrupt (IRQ7) (default)
E7 2 to 3	Alternate Interrupt (IRQ5)

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BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000510)

Jumper	Function
MISCELLANEOUS	
E20 1 to 2	387 coprocessor installed or Weitek 3167 coprocessor not installed
E20 2 to 3	387 coprocessor not installed or Weitek 3167 coprocessor installed (default)
E21 1 to 2	CPU boot speed 20 MHz except when accessing diskette drive, then 8 MHz (default)
E21 2 to 3	CPU boot speed 20 MHz (always)
E23 1 to 2	COMPAQ Plasma Display in CGA mode (default)
E23 2 to 3	COMPAQ Plasma Display in monochrome mode
E12 1 to 2	Reserved
E18 2 to 3	Reserved
E19 1 to 2	Reserved
E22 2 to 3	Reserved
E24 1 to 2	Reserved
E25 1 to 2	Reserved

PROCESSOR/COPROCESSOR LOCATIONS

PROCESSOR (386-20) COPROCESSOR (387-20/Weitek 3167)

U62 U69

SYSTEM ROM INFORMATION

SYSTEM ROM LOCATIONS

U32 ODD U40 EVEN

SYSTEM ROM REVISION (Spare Part No. 107796-001)

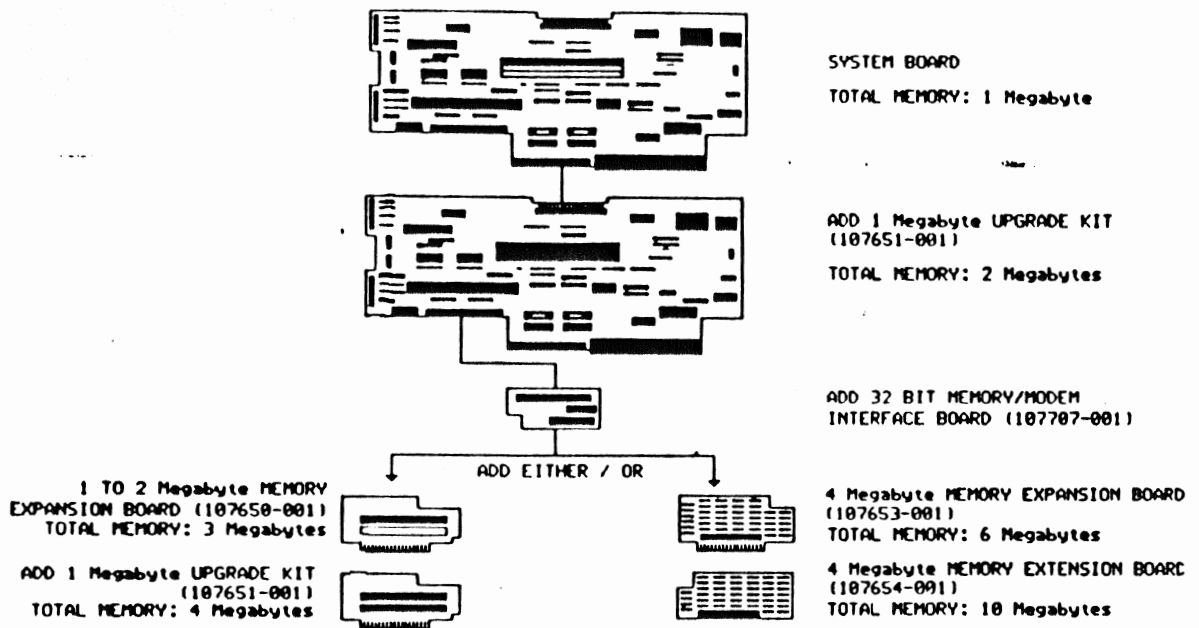
Rev	PN on ODD ROM	PN on EVEN ROM
H.2	107733-003	107734-003
J.4	109593-001	109594-001
K.3	109593-002	109594-002

POWER SUPPLY

Spare Part No. 107373-001

BATTERY

Spare Part No. 107786-001



COMPAQ PORTABLE 386 MEMORY UPGRADE CHART