

The following pages were
extracted from the:

*COMPAQ SERVICE
QUICK REFERENCE GUIDE*

PORT II

COMPAQ PORTABLE II BOARD COMPATIBILITY LIST

Product	Assy No.	Spare Part No.	Page
SYSTEM BOARDS			
80286 System	000318	104175-001	37
80286 System	000324	104444-001	37
MEMORY BOARDS			
512/1536 Sys. Mem	000330	104176-001	X*
512/2048 Mem Exp	000307/000308	105033-001	A-1
* Switch settings on system board must be changed for additional memory			
MEMORY CHIPS			
64 X 1 (150 ns) DRAM		105152-001	X
256 X 1 (150 ns) DRAM		105151-001	X
CONTROLLER BOARDS			
Fixed Disk Cntrl	WD1003IWH	N/A	37
Multipur Cntrl	000142	102705-001	A-2
Multipur Cntrl	000181-001/021	102705-001	A-2
Multipur Fixed Disk	000336	104174-001	A-2
Multipur Fixed Disk	000519/000815	104174-001	A-3
VIDEO BOARDS			
Enh Color Graphics*	000410	106373-001	A-5
Enh Color Graphics*	000471	109196-001	A-5
VDU	000031/000160/ 000345	101340-001	A-5
VDU	000525	101340-001	A-7
*Requires system ROM F or later			
MISCELLANEOUS			
2400-Baud Int Modem	001070	112693-001	X
Serial/Parallel Interface	000570	106886-001	A-8
Serial/Parallel Interface	000690	106886-001	A-9
Auto Pwr Switch	000342	104273-001	37

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FIXED DISK DRIVES

Drive Size	Drive Type	Inter-leave	Inte-grated	Min ROM	Spare Part No.	Controller Assy No.
10 MB	1	2:1	Y	D	104183-001	WD1003IWH* 000338/519/ 815
20 MB	2	2:1	Y	D	104405-001	WD1003IWH 000336/519/ 815

* Provided with Fixed Disk Drive Spares Kit.

DISKETTE DRIVES

Size	Spare Part No.
360 KB	104184-001/107360-001
1.2 MB	104479-001/107359-001
1.44 MB*	109595-001

* Requires system ROM N 3 or later for use with MS-DOS and system ROM P 1 or later for use with MS-DOS/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	Diskette Drive C	101741-001
Mass Storage Power*	All Diskette Drives	104006-001
Diskette Signal	All Diskette Drives	104008-002
Mass Storage Power	All Fixed Disk Drives	104092-002
FDD Signal*	All Fixed Disk Drives	104093-001
VDU Signal*	Display	104007-001
Cable Kit	All	104191-001

*Included in Cable Kit (PN 104191-001)

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BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000318 & 000324)

Jumper	Pins	Function
ED	1 to 2	3rd-party monochrome (MDA only)
ED	2 to 3	COMPAQ VDU, COMPAQ EGA, compatible EGA or RGBI (default)
ES	1 to 2	CPU boot speed 8 MHz (default)
ES	2 to 3	CPU boot speed 6 MHz
EM		Reserved

Setting	Function
MS1 = G, MS2 = G	Disable memory and ROM
MS1 = V, MS2 = G	256 KB memory
MS1 = G, MS2 = V	512 KB memory
MS1 = V, MS2 = V	640 KB memory
MS3 = 1.0 or V	1 MB of memory recognized*
MS3 = 1.5 or G	1.5 MB of memory recognized* (default)

* On 512/1536 KB Memory Expansion Board

AUTOMATIC POWER SWITCHING BOARD CONNECTIONS (000342)

Connect 2-pin fan connector to P301 on APS board

Connect 3-pin connector on APS board to J201 on power supply board

Connect 4-pin connector on APS board to J202 on power supply board

FIXED DISK DRIVE CONTROLLER BOARD (WD1003IWH)

Jumper	Pins	Function
W1		Reserved
W2		Reserved
W3	1 - 2	20 Megabyte Fixed Disk Drive
	2 - 3	10 Megabyte Fixed Disk Drive
W4		Reserved

PROCESSOR/COPROCESSOR LOCATIONS

	000318 Sys Bd	000324 Sys Bd
Processor (80286-8)	U100	U69
Coprocessor (80287-3 or -8)	U114	U76

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SYSTEM ROM INFORMATION

SYSTEM ROM LOCATIONS

System Board	ODD ROM Location	EVEN ROM Location
000318	U18	U3
000324	U29	U28

SYSTEM ROM REVISIONS (Spare Part No. 105035-001)

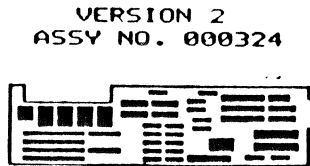
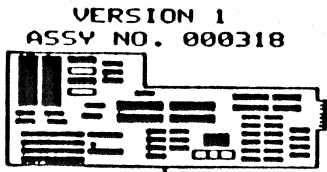
Rev	PN on ODD ROM	PN on EVEN ROM
D	105620-001	105622-001
E	106261-001	106263-001
F	106437-001	106438-001
G	106580-001	106581-001
J	106778-001	106779-001
K	106778-002	106779-002
M	106970-001	106971-001
N.3	106970-002	106971-002
P.1	109739-001	109740-001
R.2	109739-002	109740-002
S.1	109739-003	109740-003

POWER SUPPLY

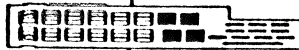
Spare Part No. 104180-001
Assy No. 000175-002 or 000522-001

BATTERY

Spare Part No. 104186-001

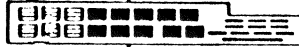


640K



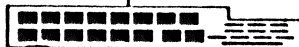
ADD 512/1536-KBYTE
SYSTEM MEMORY BOARD

104221-001
TOTAL MEMORY: 1.1 Megabytes



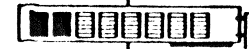
ADD 512-KBYTE MEMORY UPGRADE KIT

113012-001
TOTAL MEMORY: 1.6 Megabytes



ADD 512-KBYTE MEMORY UPGRADE KIT

113012-001
TOTAL MEMORY: 2.1 Megabytes



ADD 512/2048-KBYTE MEMORY EXPANSION BOARD

102729-001
TOTAL MEMORY: 2.6 Megabytes



ADD 512-KBYTE MEMORY UPGRADE KIT

113012-001
TOTAL MEMORY: 3.1 Megabytes



ADD 512-KBYTE MEMORY UPGRADE KIT

113012-001
TOTAL MEMORY: 3.6 Megabytes



ADD 512-KBYTE MEMORY UPGRADE KIT

113012-001
TOTAL MEMORY: 4.1 Megabytes

COMPAQ PORTABLE II MEMORY UPGRADE CHART