

The following pages were
extracted from the:

*COMPAQ SERVICE
QUICK REFERENCE GUIDE*

PORT 286

COMPAQ PORTABLE 286

BOARD COMPATIBILITY LIST

<u>Product</u>	<u>Assy No.</u>	<u>Spare Part No.</u>	<u>Page</u>
SYSTEM BOARDS			
80286 System	000148	101795-001	32
MEMORY BOARDS			
512/2048 Mem Exp	000307/000308	105033-001	A-1
MEMORY CHIPS			
256 X 1 (150 ns) DRAM		105151-001	X
CONTROLLER BOARDS			
Fixed Disk Cntrl	WD1002WAH	102778-001	A-1
Multipur Cntrl	000142	102705-001	A-2
Multipur Cntrl	000181-001/021	102705-001	A-2
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			
Serial/Parallel Interface	000570	106886-001	A-8
Serial/Parallel Interface	000990	106886-001	A-9

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FIXED DISK DRIVES

Drive Size	Drive Type	Inter-leave	Inte-grated	Min ROM	Spare Part No.	Controller Assy No.
20 MB	2	2:1	N	A	102706-001	WD1002WAH
20 MB	2	2:1	Y	C	104405-001	WD1002WAH

TAPE DRIVE

Drive Size	Spare Part No.	Tape Cartridge	Spare Part No.
10 MB	102779-001	10 MB (DC1000)	101488-001

DISKETTE DRIVES

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

CABLE INFORMATION

Cable Function	Used With	Spare Part No.
FDD Signal	All Fixed Disk Drives	101601-001 34 Pin
FDD Signal	All Fixed Disk Drives	101601-002 20 Pin
FDD Cable Set	All Fixed Disk Drives	100641-001
Monitor Power*	Display	101742-001
VDU Signal	Display	100047-001
System Power*	System	101746-001
Cable Set	All	102933-001

*Included in Cable Kit (PN 102933-001)

BOARD JUMPER/SWITCH SETTINGS

SYSTEM BOARD (000148)

Jumper	Pins	Function
ED	1 to 2	3rd-party monochrome (MDA only)
ED	2 to 3	COMPAQ VDU, COMPAQ ECG, 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
E1-E3 (MS)	1 to 2	128 KB, 256 KB, or 512 KB*
E1-E3 (MS)	2 to 3	640 KB

*Needs PAL (105045-001) in socket U2 for 512 KB

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PROCESSOR/COPROCESSOR LOCATIONS

SYSTEM BOARD (000148)

Processor (80286-8)	U116
Coprocessor (80287-3 or -8)	U122

SYSTEM ROM INFORMATION

SYSTEM ROM LOCATIONS

System Board	ODD ROM Location	EVEN ROM Location
000148	U39	U94

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

Rev	PN on ODD ROM	PN on EVEN ROM
A	102667-001	102669-001
B	102667-002	102669-002
C	102667-003	102669-003
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

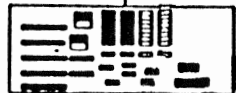
Spare Part No. 102818-001
Assy No. 000076-001

BATTERY:

Spare Part No. 102929-002



256K SYSTEM BOARD

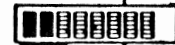


REMOVE 64K CHIPS



INSTALL 18ea 256K CHIPS (113012-001)

TOTAL MEMORY: 640K



ADD 512/2048K MEMORY EXPANSION BOARD (102729-001)

TOTAL MEMORY: 1.1 Megabytes



ADD 512K UPGRADE KIT (113012-001)

TOTAL MEMORY: 1.6 Megabytes



ADD 512K UPGRADE KIT (113012-001)

TOTAL MEMORY: 2.1 Megabytes



ADD 512K UPGRADE KIT (113012-001)

TOTAL MEMORY: 2.6 Megabytes

COMPAQ PORTABLE 286 MEMORY UPGRADE CHART