

PORTABLE II

SERVICE SUPPORT DISCONTINUED

System Boards	Assembly	Spare Part
80286 System Board	000318	Not Available
80286 System Board	000324	Not Available

System Board (000318 and 000324)

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

*Default.

System Board (000318 and 000324)

Setting	Function
MS3 = 1.5 or G *	1.5 MB of memory recognized **
MS3 = 1.0 or V	1 MB of memory recognized **
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

* Default.

** On 512/1536 KB Memory Expansion Board.

Memory Boards	Assembly	Spare Part
512/1536 System Memory Board *	000330	Not Available
512/2048 Memory Expansion Board **	000307	Not Available
512/2048 Memory Expansion Board **	000308	Not Available

* Switch settings on system board must be changed for additional memory.

** See Volume 2 Appendix, Multiproduct Boards, for settings.

Memory Chips	Spare Part
64 X 1 (150 ns) DRAM	Not Available
256 X 1 (150 ns) DRAM	Not Available

Controller Boards	Assembly	Spare Part
Hard Drive Controller Board	WD1003IWH	Not Available
Multipurpose Controller Board *	000142	Not Available
Multipurpose Controller Board *	000181-001	Not Available
Multipurpose Controller Board *	000181-021	Not Available
Multipurpose Hard Drive Board *	000336	Not Available
Multipurpose Hard Drive Board *	000519	Not Available
Multipurpose Hard Drive Board *	000815	Not Available

* See Volume 2 Appendix, Multiproduct Boards, for settings.

Hard Drive Controller Board (WD1003IWH)

Jumper	Pins	Function
W1		Reserved
W2		Reserved

W3	1 - 2	20 MB Hard Drive
W3	2 - 3	10 MB Hard Drive
W4		Reserved

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Video Boards	Assembly	Spare Part
Enhanced Color Graphics Board * **	000410	Not Available
Enhanced Color Graphics Board * **	000471	109196-001
Video Display Controller Board (VDU)	000031	101340-001
	000160	
	000345	
	000525	
QVision 1280/I Controller Board **	002951	139182-001

* Requires system ROM F or later.

** See Volume 2 Appendix, Multiproduct Boards, for settings.

Miscellaneous	Assembly	Spare Part
Auto Power Switch	000342	Not Available
Serial/Parallel Interface Board *	000570	106886-001
	000990	
2400 Baud Internal Modem	001070	Not Available
9600/2400 Fax Modem		197458-001

* See Volume 2 Appendix, Multiproduct Boards, for settings.

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

Hard Drives

Size	Type	Inter-leave	Inte-grated	Min ROM	Spare Part	Controller
10 MB	1	2:1	Y	D	Not Available	WD1003IWH 000142, 000181-001, 000181-021, 000336, 000519 000815
20 MB	2	2:1	Y	D	Not Available	WD10031WH 000142, 000181-001, 000181-021, 000336, 000519 000815
100 MB	45	1:1	Y	H	142365-001 ¹	WD10031WH 000142, 000181-001, 000181-021, 000336, 000519 000815

¹ Not available in Europe.

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Diskette Drives	Spare Part
360 KB	107360-001 (push button latch) DISCONTINUED
1.2 MB	104479-001 (flip door)
	107359-001 (push button latch) DISCONTINUED
1.44 MB *	109595-001

* Requires system ROM N.3 or later for use with MS-DOS.
 Requires system ROM P.1 or later for use with MS OS/2 Version 1.1.
 Requires MS-DOS Version 3.31 Revision A if installed as drive B.
 Requires MS-DOS Version 3.31 Revision B if installed as drive A.

Cables	Used With	Spare Part
Mass Storage Power Cable	Diskette Drive C	101741-001
Mass Storage Power Cable *	All Diskette Drives	Not Available
Diskette Signal Cable	All Diskette Drives	104008-002
Mass Storage Power Cable	All Hard Drives	104092-002
Hard Drive Signal Cable *	All Hard Drives	Not Available
VDU Signal Cable *	Display	Not Available
Cable Kit	All	Not Available

* Included in Cable Kit (Spare Part 104191-001).

Processor/Coprocessor Locations

Processor/Coprocessor	System Board 000318	System Board 000324
Processor (80286-8)	U100	U69
Coprocessor (80287-3, 80287-8)	U114	U76

System ROM Locations

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

System ROM Revisions (Spare Part 105035-001)

Revision	Number on ODD ROM	Number 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/Battery	Spare Part
Power Supply	Not Available
Battery	Not Available

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SERVICE SUPPORT DISCONTINUED

MEMORY UPGRADE CHART

