

# PORTABLE/PLUS

## SERVICE SUPPORT DISCONTINUED

System Boards	Assembly	Spare Part
8088 System Board	000004	Not Available
	000383	

8088 System Board Switch SW1 Settings (Assembly 000004 and 000383)										
1	2	3	4	5	6	7	8	Function		
OFF	Reserved (always off)									
ON	Coprocessor not installed (default)									
OFF	Coprocessor installed									
OFF	OFF	Reserved (always off)								
	ON	OFF	80 x 25 Compaq VDU primary. 1/3party monochrome secondary (default)							
	OFF	ON	40 x 25 Compaq VDU * primary. 1/3party monochrome secondary							
	ON	ON	Compaq EGA, compatible EGA, RGBI primary. 1/3party monochrome secondary							
	OFF	OFF	1/3party monochrome (MDA only) primary. RGBI secondary							
	ON	ON	One diskette drive (default)							
	OFF	ON	Two diskette drives							
	ON	OFF	Three diskette drives							
	OFF	OFF	Four diskette drives							

\* Applicable with a Revision F or later system ROM.

SW2 Settings *								
1	2	3	4	5	6	7	8	Function
ON	OFF	ON	ON	OFF	OFF	OFF	OFF	128 KB total memory
ON	ON	OFF	ON	OFF	OFF	OFF	OFF	192 KB total memory
ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	256 KB total memory
ON	ON	ON	OFF	OFF	OFF	OFF	OFF	320 KB total memory
ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	384 KB total memory
ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	448 KB total memory
ON	OFF	512 KB total memory						
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	544 KB total memory

\* With a Revision C or later system ROM, SW2 is ignored. Revision C ROM is required to reach 640 KB.

Memory Chips	Spare Part
64K x 1 (150 ns) DRAM	105152-001
64K x 4 (150 ns) DRAM	Not Available
256K x 1 (150 ns) DRAM	105151-001

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## SERVICE SUPPORT DISCONTINUED

<b>Controller Boards</b>	<b>Assembly</b>	<b>Spare Part</b>
Diskette/Printer Board	000010	Not Available
Diskette/Printer Board	000043	Not Available
Diskette/Printer Board *	000181-011	Not Available
Hard Drive Controller Board (Compaq Plus only)	100637	Not Available

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

<b>Video Boards</b>	<b>Assembly</b>	<b>Spare Part</b>
Enhanced Color Graphics (EGA/CECGB) * **	000410	Not Available
Enhanced Color Graphics (EGA/CECGB) * **	000471	109196-001
Video Display Controller (VDU)	000007	100479-001
Video Display Controller (VDU) **	000031 000160 000345	101340-001
Video Display Controller (VDU) **	000525	101340-001

\* Requires minimum system ROM G or later.

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

<b>Miscellaneous Boards</b>	<b>Assembly</b>	<b>Spare Part</b>
Asynchronous Serial Board	000016	Not Available
Asynchronous Communications/Clock Board *	000061	Not Available
Serial/Parallel Interface Board *	000570 000990	106886-001

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

<b>Hard Drives</b>						
<b>Size</b>	<b>Type</b>	<b>Inter- leave</b>	<b>Inte- grated</b>	<b>Minimum ROM</b>	<b>Spare Part</b>	<b>Controller Assembly</b>
10 MB *	1	3:1	No	C	Not Available	100637

\* Drive type set by switch settings on the hard drive controller board, or by hard wiring on the drive itself, depending on the hard drive controller board.

<b>Diskette Drives</b>	<b>Spare Part</b>
360 KB	Not Available

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## SERVICE SUPPORT DISCONTINUED

### BOARD JUMPER/SWITCH SETTINGS

#### **Asynchronous Serial Board (Assembly 000016)**

Jumper	Pin 1 to Pin 2	Pin 2 to Pin 3
J702 *	COM2 Address (2FX)	COM1 Address (3FX)
J703 *	IRQ3	IRQ4
Shunt	<b>Status</b>	
U11	Pins 5 to 12, 6 to 11, 7 to 10, 8 to 9 connected Serial RS-232-C operation Pins 1 to 16, 2 to 15, 3 to 14, 4 to 13 connected 20 mA current loop operation	

\* Jumpers J702 and J703 must be changed together.

#### **Video Display Controller Board (Assembly 000007)**

Jumper	Pin 1 to Pin 2	Pin 2 to Pin 3
E4	For monitor requiring negative horizontal sync pulse	For monitor requiring positive horizontal sync pulse (default)
E5	For monitor requiring positive vertical sync pulse (default)	For monitor requiring negative vertical sync pulse

#### **Processor/Coprocessor Location**

Processor (8088)	U24 (4.77 MHz)
Coprocessor (8087)	U13

#### **System ROM Locations**

ROM Location	System Board	ROMs Required
U40 and U47	000004 Revision B	Need 2 ROMs
U40	000004 Revision C or later	Need 1 Revision C or later
U40	000383 All Revisions	Need 1 Revision C or later

#### **System ROM Revisions (Spare Part Not Available)**

Revision	PN on ROM	Revision	PN on ROM
B	100518-001	G	105681-001
C	100666-001	H	106265-001
E	100298-004	J	106265-002
F	100298-005		

#### **Memory Address Decoder PROM for System Boards (Assembly 000004 and 000383)**

PROM Location	Memory	PN on Chip	Spare Part
U35	256 Kbytes	100340-001	Not Available
U35	448 Kbytes	101255-001	Not Available
U35	640 Kbytes	101257-001	Not Available

#### **Power Supply/Battery**

	Spare Part
Battery *	101260-001

\* Mounted on Asynchronous Communications/Clock Board.