

PORTABLE 386

System Boards	Assembly	Spare Part
80386 System Board DISCONTINUED	000510	107683-001

Internal Serial Interface Jumper Settings (System Board 000510)

Jumper	Function
E3 2 to 3 *	Serial interface as COM1 (3FX, IRQ4) and modem or second serial interface as COM2 (2FX, IRQ3)
E4 1 to 2 *	
E8 1 to 2 *	
E8 3 to 4 *	
E9 1 to 3 *	
E9 2 to 4 *	Serial interface as COM2 (2FX, IRQ3) and modem or second serial interface as COM1 (3FX, IRQ4)
E3 2 to 3	
E4 1 to 2	
E8 1 to 3	
E8 2 to 4	
E9 1 to 2	Serial interface as COM1 (3FX, IRQ4), disable internal COM2
E9 3 to 4	
E3 2 to 3	
E4 2 to 3	
E8 1 to 2	
E8 3 to 4	Serial interface as COM2 (2FX, IRQ3), disable internal COM1
E9 1 to 3	
E9 2 to 4	
E3 1 to 2	
E4 2 to 3	
E8 1 to 2	Modem or second serial interface as COM1 (3FX, IRQ4), disable internal COM2
E8 3 to 4	
E9 1 to 2	
E9 3 to 4	
E3 2 to 3	
E4 2 to 3	Modem or second serial interface as COM2 (2FX, IRQ3), disable internal COM1
E8 1 to 3	
E8 2 to 4	
E9 1 to 3	
E9 2 to 4	
E3 1 to 2	Disable both internal serial interfaces
E4 1 to 2	
E8 1 to 2	
E8 3 to 4	
E9 1 to 3	
E9 2 to 4	

*Default.

Mass Storage Device Jumper Settings (System Board 000510)

Jumper	Function
E5 1 to 2 *	Enable Hard Drive
E5 2 to 3	Disable Hard Drive
E6 2 to 3 *	Diskette Drive Primary Address
E6 1 to 2	Diskette Drive Secondary Address

*Default.

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Total 32-Bit Memory Installed Jumper Settings (System Board 000510)

Jumper	Function
E15 1 to 2 *	1 MB
E16 1 to 2 *	
E17 1 to 2 *	
E15 2 to 3	2 MB
E16 1 to 2	
E17 1 to 2	
E15 1 to 2	3 MB
E16 2 to 3	
E17 1 to 2	
E15 2 to 3	4 MB
E16 2 to 3	
E17 1 to 2	
E15 1 to 2	6 MB
E16 2 to 3	
E17 2 to 3	
E15 2 to 3	10 MB
E16 2 to 3	
E17 2 to 3	

*Default.

32-Bit Memory Used as Base Memory Jumper Settings (System Board 000510)

Jumper	Function
E13 1 to 2 and E14 1 to 2 *	640 KB
E13 1 to 2 and E14 2 to 3	512 KB
E13 2 to 3 and E14 2 to 3	256 KB

*Default.

Internal Parallel Printer Interface Jumper Settings (System Board 000510)

Jumper	Function
E1 2 to 3 and E2 1 to 2 *	LPT1
E1 1 to 2 and E2 2 to 3	LPT2
E1 1 to 2 and E2 1 to 2	LPT3
E1 2 to 3 and E2 2 to 3	Disable interface
E7 1 to 2 *	Primary interrupt (IRQ7)
E7 2 to 3	Alternate interrupt (IRQ5)

*Default.

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Miscellaneous Jumper Settings (System Board 000510)

Jumper	Function
E20 2 to 3	387 coprocessor not installed or Weitek 3167 coprocessor installed (default)
E20 1 to 2	387 coprocessor installed or Weitek 3167 coprocessor not installed
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

Memory Boards/Modules	Assembly	Spare Part
1 - 2 MB Memory Expansion Board	000579	107686-001 DISCONTINUED
4 MB Memory Expansion Board	000582	107688-001 DISCONTINUED
4 MB Memory Extension Board	000585	107685-001 DISCONTINUED
512 KB SIMM	000576	107687-001 DISCONTINUED

Controller Boards	Assembly	Spare Part
ESDI External - DISCONTINUED	001091	115839-001

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

Video Boards	Assembly	Spare Part
Enhanced Color Graphics Board ^{1, 4}	000410	Not Available
Enhanced Color Graphics Board ^{1, 4}	000471	109196-001
Plasma Display Controller Board	000743	107787-001
Plasma Display Controller Board ⁴	000932	107787-001
Video Graphics Controller (VGC) ^{1, 2, 4}	000806	109253-001 DISCONTINUED
Video Graphics Controller (VGC) ^{1, 2, 4}	001241	109253-001 DISCONTINUED
Video Graphics Controller (VGC) ^{1, 2, 4}	109360	109253-001 DISCONTINUED
Advanced Graphics 1024 Board ^{2, 4}	109958	114201-001
Advanced Graphics Memory Board ²	109959	104202-001
QVision 1024/I Controller Board ^{3, 4}	002163	126655-001
QVision 1280/I Controller Board ⁴	002951	139182-001

¹ ECG and VGC require system ROM H or later.

² Installed in Expansion Unit only. The VGC Board is required for the Advanced Graphics Color Monitor to display both normal VGA and high-resolution video (single-monitor configuration).

³ Installed in Expansion Unit only.

⁴ See Volume 2 Appendix, Multiproduct Boards, for settings.

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Hard Drives

Size	Type	Inter-leave	Integrated	Min ROM	Spare Part	Controller
40 MB	17	3:1	Y	H.2	Not Available	Not available
40 MB*	22 **	1:1	Y	K.3	Not Available	Not available
40 MB*	43	1:1	Y	H.2	Not Available	Not available
84 MB	27	1:1	Y	H.2	Not Available	Not available
100 MB	45	3:1	Y	H.2	Not Available	Not available
100 MB	45	1:1	Y	H.2	142365-001 ¹	Not available
110 MB*	33	1:1	Y	K.3	Not Available	Not available
120 MB	50	1:1	Y	K.3	136918-001 ¹ 161832-001 ²	Not available
Hard Drive Expansion Unit						001091

¹ Except Europe.

² Europe only.

* Requires MS-DOS 3.2 or later.

** Drive type 17 if ROM earlier than K.3 is used.

Diskette Drives	Spare Part
360 KB - DISCONTINUED	107360-001
1.2 MB - DISCONTINUED	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 OS/2. Requires MS-DOS Version 3.31 Revision A.

Tape Drive	Spare Part	Tape Cartridge	Spare Part
40 MB *	107785-001	40 MB (DC2000)	108142-001

* Used in Expansion Unit only.

Miscellaneous	Assembly	Spare Part
Second Serial Board *	000715	107871-001
32-Bit Memory/Modem	DISCONTINUED	107684-001
1200 Baud Internal Modem	107041	107376-001
2400 Baud Internal Modem	DISCONTINUED	107791-001
Serial/Parallel Interface **	000570 000990	106886-001

* Not available for use in the U.S. and Canada.

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

Cables	Used With	Spare Part
Mass Storage Power Cable	Internal Hard Drive	101741-003
Mass Storage Power Cable	Hard Drives (Drive D) and All Diskette Drives	101741-004
Hard Drive Signal Cable	Internal Hard Drive	107798-001
Diskette Signal Cable	All Diskette Drives (Single)	107177-001
Diskette Signal Cable	All Diskette Drives (Dual)	107177-002
Display Data Cable	Display	107171-001
Display Control Cable	Display	107173-001
Display Intensity Cable	Display	107174-001
Display Power Cable	Display	107175-001
RGB Port Cable	Display	107172-001
Modem Jack Cable	Modem (RJ11 - RJ11)	107518-001
Cable Kit		107382-001
VGA Pass-Through Cable	Advanced Graphics	114229-001

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Processor/Coprocessor Locations

Processor (386-20)	Coprocessor (387-20/Weitek 3167)
U62	U69

System ROM Locations

U32 ODD	U40 EVEN
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System ROM Revision (Spare Part 107796-001) DISCONTINUED

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

Power Supply/Battery

Spare Part

Power Supply	107373-001 - DISCONTINUED
Battery	107786-001 - DISCONTINUED

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MEMORY UPGRADE CHART

