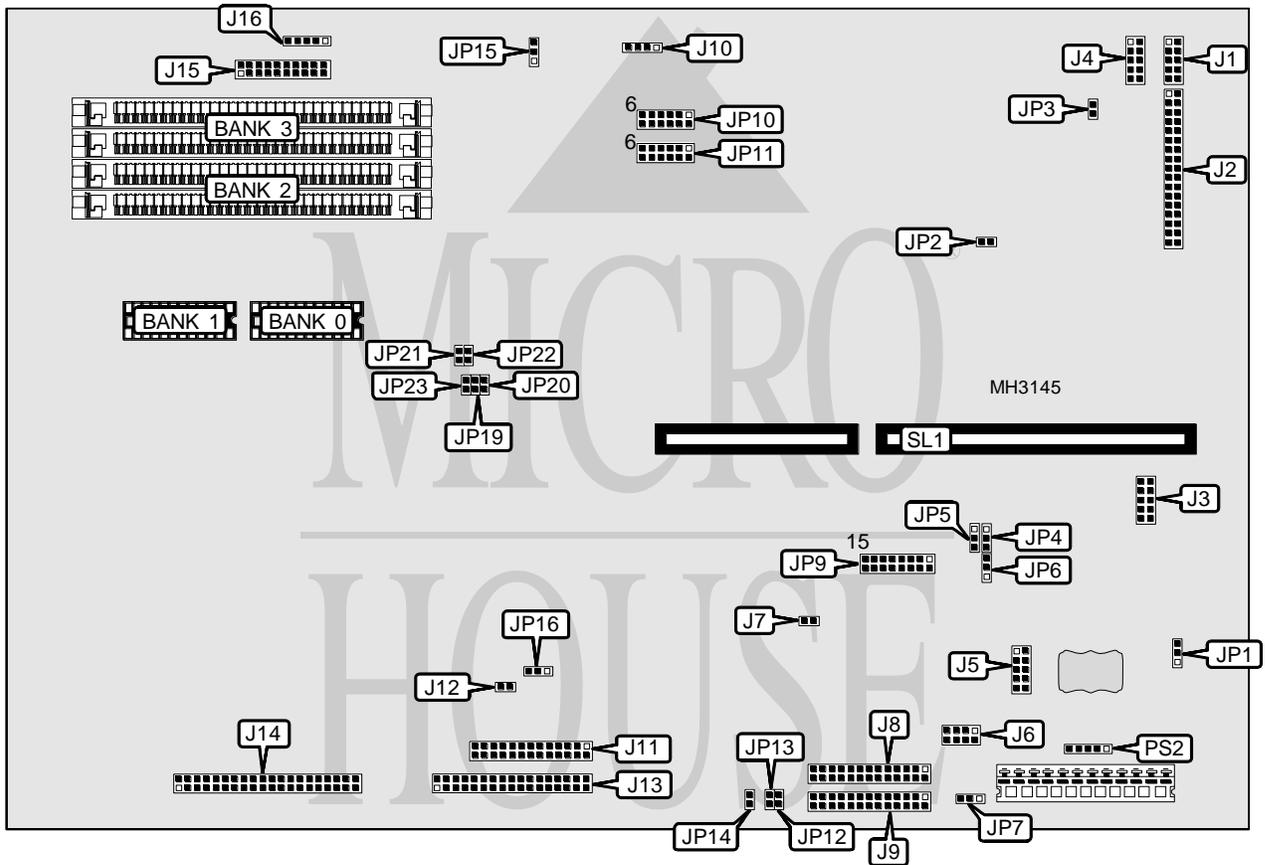


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IPC MBPOS11S-33

Processor	80386SX (exact location unidentified)
Processor Speed	33MHz
Chip Set	Unidentified
Max. Onboard DRAM	16MB
Cache	None
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	Floppy drive interfaces (2), IDE interfaces (2), parallel port, serial ports (2), scanner port, drawer port, printer power connector, numeric display connector, external numeric display connector, internal numeric display connector, external keyboard connector, keyboard controller interface, numeric display power connector, printer power connector, riser slot
NPU Options	80387SX (exact location unidentified)



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CONNECTIONS			
Purpose	Location	Purpose	Location
Scanner port	J1	Speaker	J12
Parallel port	J2	Floppy drive interface	J13
Drawer port	J3	IDE interface	J14
Serial port 1	J4	Keyboard controller interface	J15
Printer power connector	J5	External keyboard connector	J16
Numeric display connector	J6	Reset switch	J21
External numeric display connector	J8	Numeric display power connector	JP7
Internal numeric display connector	J9	Printer power connector	PS2
External keyboard connector	J10	Riser slot	SL1
Serial port 2/external floppy	J11		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Floppy drive set as B drive	J7	Open
Floppy drive set as A drive	J7	Closed
í Drawer port power select 12v	JP1	pins 1 & 2 closed
Drawer port power select 25v	JP1	pins 2 & 3 closed
í Non volatile RAM type select 128KB	JP2	Open
Non volatile RAM type select 8/32KB	JP2	Closed
í 12v to scanner port disabled	JP3	Open
12v to scanner port enabled	JP3	Closed
í Keylock level 1 to control NVR write access disabled	JP6	pins 1 & 2 closed
Keylock level 1 to control NVR write access enabled	JP6	pins 2 & 3 closed
í 5v to external floppy drive disabled	JP12	Open
5v to external floppy drive enabled	JP12	Closed
í 12v to external floppy drive disabled	JP13	Open
12v to external floppy drive enabled	JP13	Closed
í Factory configured - do not alter	JP14	N/A
í Keylock level 1 to control floppy disk access disabled	JP15	pins 2 & 3 closed
Keylock level 1 to control floppy disk access enabled	JP15	pins 1 & 2 closed
CMOS memory clear BQ3287 AMT	JP16	pins 1 & 2 closed
CMOS memory clear BQ3287 MT	JP16	pins 2 & 3 closed
í Reset disabled	JP21	Open
Reset enabled	JP21	Closed
Monitor type select monochrome	JP22	Open
Monitor type select color/EGA/VGA	JP22	Closed

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DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256KB	(1) 256KB	NONE	NONE
1.5MB	(1) 256KB	(1) 256KB	(2) 256K x 9	NONE
2MB	(1) 256KB	(1) 256KB	(2) 256K x 9	(2) 256K x 9
3MB	(1) 256KB	(1) 256KB	(2) 1M x 9	NONE
5MB	(1) 256KB	(1) 256KB	(2) 1M x 9	(2) 1M x 9
9MB	(1) 256KB	(1) 256KB	(2) 4M x 9	NONE
16MB	(1) 256KB	(1) 256KB	(2) 4M x 9	(2) 4M x 9

Note: Banks 0 & 1 are factory installed and not configurable. If 16MB is used, Bank 0 is disabled.

KEYLOCK LEVEL 1 OR 5 TO CONTROL NVR READ ACCESS CONFIGURATION		
Setting	JP4	JP5
Disabled	pins 1 & 2 closed	pins 1 & 2 closed
Enabled	pins 2 & 3 closed	pins 2 & 3 closed

I/O ADDRESS CONFIGURATION	
Address	JP9
í 100H	pins 1 & 2 closed
110H	pins 3 & 4 closed
120H	pins 5 & 6 closed
130H	pins 7 & 8 closed
140H	pins 9 & 10 closed
150H	pins 11 & 12 closed
160H	pins 13 & 14 closed
170H	pins 15 & 16 closed

PARALLEL PORT CONFIGURATION				
LPT	JP10/5	JP10/6	JP11/1	JP11/2
í LPT1	Open	Closed	Open	Closed
LPT2	Closed	Open	Closed	Open
Disabled	Open	Open	Open	Open

SERIAL PORT 1 CONFIGURATION				
Setting	JP10/1	JP10/2	JP11/3	JP11/4
í COM 1 enabled	Open	Closed	Open	Closed
COM 3 enabled	Closed	Open	Open	Closed

SERIAL PORT 2 CONFIGURATION				
Setting	JP10/3	JP10/4	JP11/5	JP11/6
í COM 2 enabled	Open	Closed	Open	Closed
COM 4 enabled	Closed	Open	Open	Closed

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ON BOARD FLOPPY/IDE CONFIGURATION			
Setting	JP19	JP20	JP23
í Enabled	Closed	Closed	Closed
Disabled	Open	Open	Open