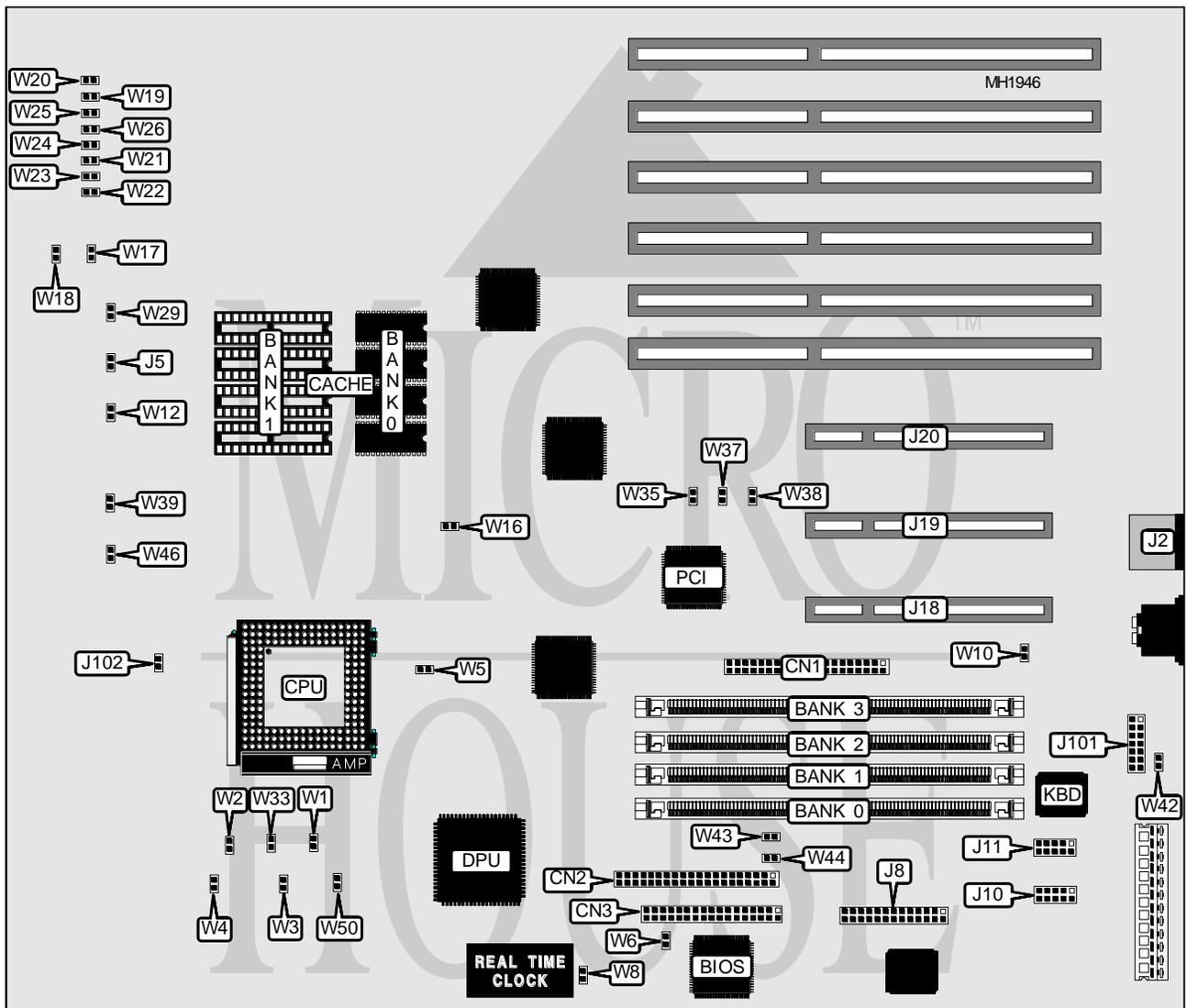


MICRONICS COMPUTERS INC.

M 4 P E

Processor	80486SX/80486DX/80486DX2/80486DX4
Processor Speed	25/33/50(internal)/66(internal)/75(internal)/100(internal) MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	128/256 KB
BIOS	Phoenix
Dimensions	355mm x 304mm
I/O Options	Floppy drive interface, IDE interface, PCI slots (3), parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Primary IDE interface (PCI)	CN1	PCI slot 1	J18
Secondary IDE interface (ISA)	CN2	PCI slot 2	J19
Floppy drive interface	CN3	PCI slot 3	J20
PS/2 mouse port	J2	Fan power connector	J102
Speaker	J5	Power LED & keylock	W12
Parallel port	J8	Turbo switch	W29
Serial port 2	J10	IDE interface LED (PCI)	W39
Serial port 1	J11	IDE interface LED (ISA)	W46

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured do not alter	J101	Open
í Secondary cache in write-back mode	W1	pins 2 & 3
Secondary cache in write-through mode	W1	pins 1 & 2
í Internal cache in write-through mode	W4	Open
Internal cache in write-back mode	W4	Closed
í BIOS in normal mode	W6	pins 2 & 3 closed
BIOS recovery mode	W6	pins 1 & 2 closed
í Factory configured do not alter	W8	Closed
í PS/2 mouse installed	W10	Closed
PS/2 mouse not installed	W10	Open
í Monitor type select color	W14	Closed
Monitor type select monochrome	W14	Open
í CPU generates parity	W17	pins 2 & 3 closed
DPU generates parity	W17	pins 1 & 2 closed
í DPU does not force parity error	W18	pins 2 & 3 closed
DPU forces parity error	W18	pins 1 & 2 closed
í Factory configured do not alter	W19	Closed
í Secondary cache installed	W21	Open
Secondary cache not installed	W21	Closed
í Secondary cache 0 wait state	W25	Open
Secondary cache 1 wait state	W25	Closed
í PCI IDE uses ISA IRQ 14	W35	Closed
PCI IDE does not use ISA IRQ 14	W35	Open
í PCI IDE uses PCI INTR_A	W37	Closed
PCI IDE does not use PCI INTR_A	W37	Open
í PCI IDE does not use ISA IRQ15	W38	Open
PCI IDE uses ISA IRQ15	W38	Closed

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USER CONFIGURABLE SETTINGS (CONTINUED)		
Function	Jumper	Position
í ISA IDE uses ISA IRQ 15	W42	pins 2 & 3
ISA IDE used ISA IRQ 14	W42	pins 1 & 2
í ISA IDE uses PIO transfer	W43	Open
ISA IDE uses channel 7	W43	pins 2 & 3
ISA IDE uses DMA channel 6	W43	pins 1 & 2
í ISA IDE uses PIO transfer	W44	Open
ISA IDE uses channel 7	W44	pins 2 & 3
ISA IDE uses DMA channel 6	W44	pins 1 & 2
í 3.45V for DX4 - 100 MHz	W50	Open
3.30v for DX4 - 75 MHz	W50	Closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 36	(1) 1M x 36	None	None
16MB	(1) 1M x 36			
16MB	(1) 2M x 36	(1) 2M x 36	None	None
24MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 2M x 36			
32MB	(1) 4M x 36	(1) 4M x 36	None	None
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 4M x 36			
64MB	(1) 8M x 36	(1) 8M x 36	None	None
72MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36
80MB	(1) 8M x 36	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 8M x 36			

CACHE JUMPER CONFIGURATION			
Size	W5	W22	W23
128KB	Open	Open	Open
256KB	Closed	Closed	Closed

TAG ADDRESS CONFIGURATION		
Address	W24	W26
9-bit	Closed	Open
7-bit	Open	Closed
8-bit	Closed	Closed
Illegal	Open	Open

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CPU TYPE CONFIGURATION			
Type	W2	W3	W33
80486SX	pins 2 & 3 closed	Closed	Open
80486DX	Closed	Closed	Open
80486DX2	Closed	Closed	Open
80486DX4 (50i)	Closed	Closed	pins 2 & 3 closed
80486DX4 (66i)	Closed	Closed	pins 2 & 3 closed
80486DX4 (75i)	Closed	Closed	Open
80486DX4 (100i)	Closed	Closed	Open
80486 DX4 (future use)	Closed	Closed	pins 1 & 2 closed
Pentium Overdrive	Closed	Open	Open

CPU SPEED CONFIGURATION		
Speed	W16	W20
25MHz	Open	Closed
33MHz	Closed	Open
50iMHz	Open	Closed
66iMHz	Closed	Open
75iMHz	Open	Closed
100iMHz	Closed	Open