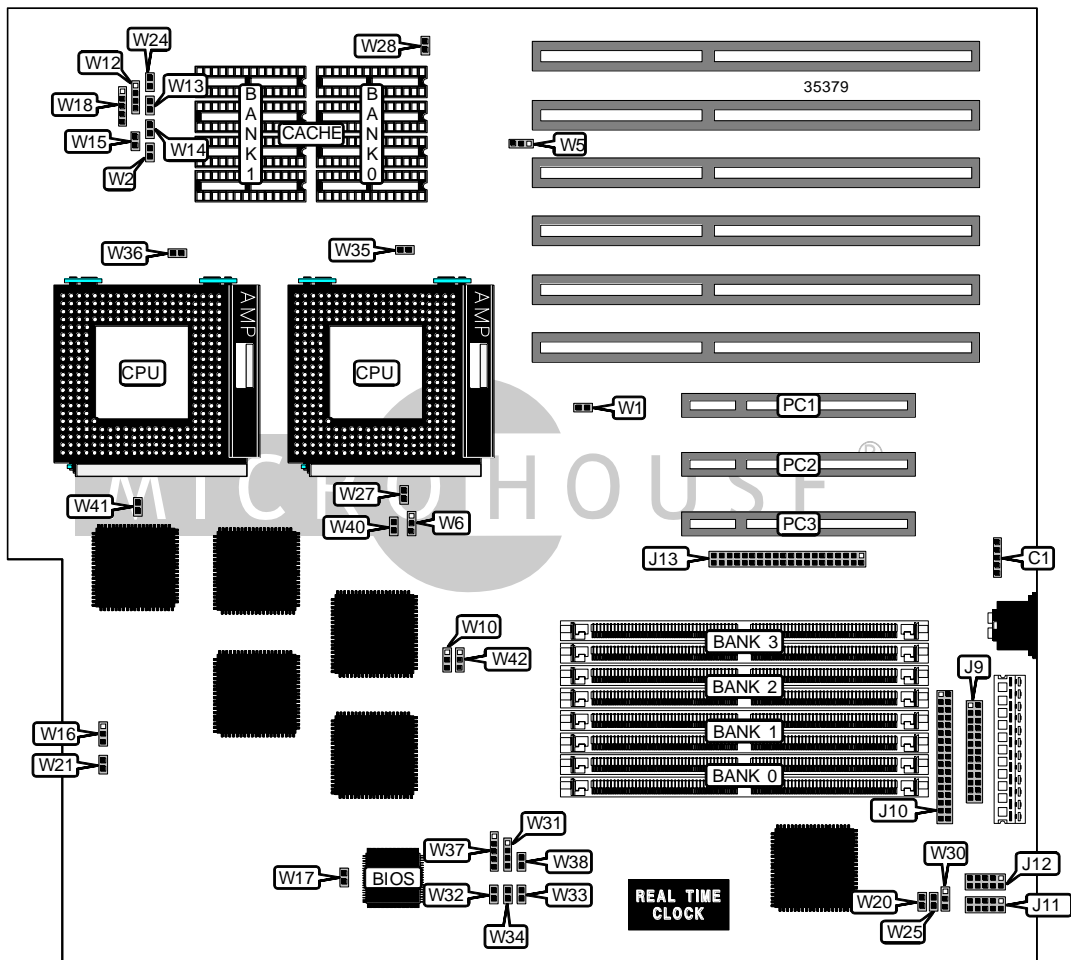


MICRONICS COMPUTERS, INC.

M 5 4 E 2

Device Type	Mainboard
Processor	Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	512MB
Maximum Video Memory	None
Cache	256/512KB
BIOS	Phoenix
Dimensions	355mm x 304mm
I/O Options	32-bit PCI slots (3), floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	J6	Reset switch	W13/W32
Parallel port	J9	Turbo LED	W14/W33
Floppy drive interface	J10	Turbo switch	W15/W34
Serial port 1	J11	Power LED & keylock	W18/W37
Serial port 2	J12	IDE interface LED	W24/W38
IDE interface	J13	Chassis fan power	W35
Optional power supply connector	J26	Chassis fan power	W36
Speaker	W12/W31	32-bit PCI slots	PC1 – PC3

Note: The location of J26 is unidentified. Some models may have a PS/2 keyboard and mouse port in place of the keyboard port shown.

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	C1	Unidentified
í Factory configured - do not alter	J25	Unidentified
í BIOS code enabled	W16	Pins 1 & 2 closed
BIOS boot block enabled	W16	Pins 2 & 3 closed
í Factory configured - do not alter	W17	Unidentified
í Monitor type select color	W20	Closed
Monitor type select monochrome	W20	Open
í PS/2 mouse enabled	W21	Closed
PS/2 mouse disabled	W21	Open
í Factory configured - do not alter	W25	Pins 1 & 2 closed
í On board I/O enabled	W30	Open
On board I/O disabled	W30	Closed
í APIC enabled	W42	Open
APIC disabled	W42	Closed

Note: The location of J25 is unidentified.

SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	None	None	None
16MB	(2) 2M x 36	None	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
24MB	(2) 2M x 36	(2) 1M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	None
32MB	(2) 4M x 36	None	None	None

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SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(2) 2M x 36	(2) 2M x 36	None	None
32MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None	None
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	None
64MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None	None
72MB	(2) 8M x 36	(2) 1M x 36	None	None
80MB	(2) 8M x 36	(2) 2M x 36	None	None
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	None
128MB	(2) 16M x 36	None	None	None
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
136MB	(2) 16M x 36	(2) 1M x 36	None	None
144MB	(2) 16M x 36	(2) 2M x 36	None	None
152MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None	None
176MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	None
224MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
256MB	(2) 32M x 36	None	None	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None
256MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
272MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
288MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
320MB	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	None
512MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36

SIMM TYPE SELECTION	
Type	W41
i Parity	Closed
Non parity	Open

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CACHE CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(4) 32K x 8	(4) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8

CACHE JUMPER CONFIGURATION		
Size	W5	W10
256KB	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB	Pins 2 & 3 closed	Pins 2 & 3 closed

CACHE TYPE SELECTION	
Type	W1
í Write back	Open
Write through	Closed

CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	W2	W6	W27	W40
75MHz	50MHz	1.5x	Open	2 & 3	Open	Closed
90MHz	60MHz	1.5x	Open	1 & 2	Open	Open
100MHz	66MHz	1.5x	Open	2 & 3	Open	Open
120MHz	60MHz	2x	Closed	1 & 2	Open	Open
133MHz	66MHz	2x	Closed	2 & 3	Open	Open
150MHz	60MHz	2.5x	Closed	1 & 2	Closed	Open
166MHz	66MHz	2.5x	Closed	2 & 3	Closed	Open
200MHz	66MHz	3x	Open	2 & 3	Closed	Open

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION	
Voltage	W28
í 3.45v	Closed
3.6v	Open