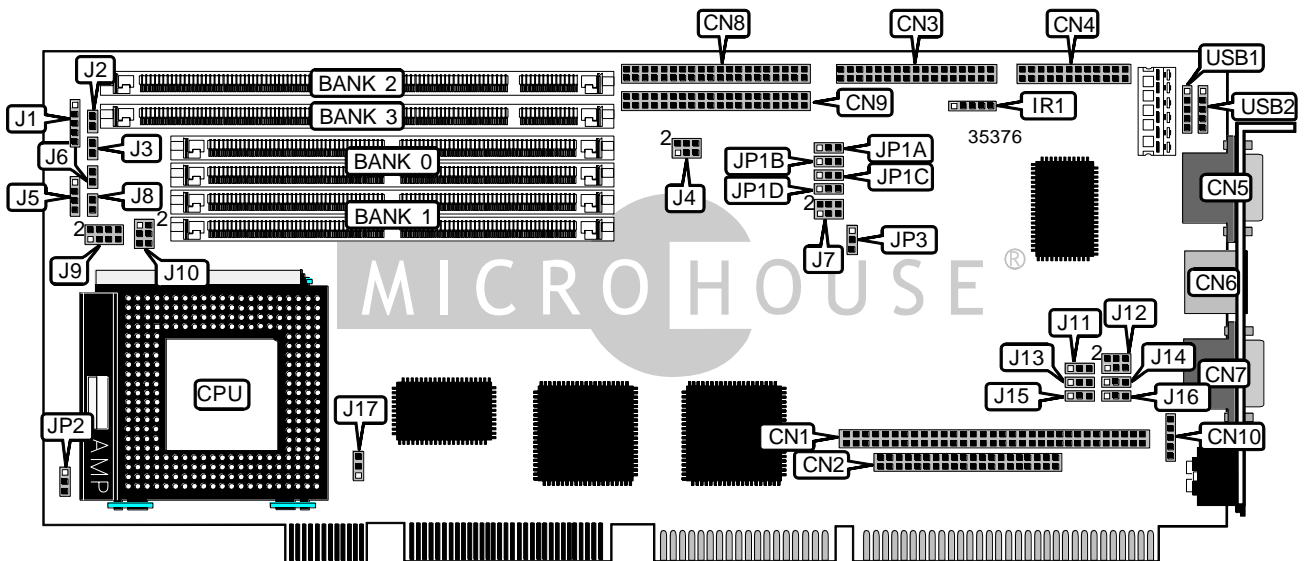


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Device Type	Single board computer
Processor	CX 6X86/CX 686MX/AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/200/233MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	338mm x 122mm
I/O Options	Floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PC/104 connector	CN1	IR connector	IR1
PC/104 connector	CN2	Power LED & keylock	J1
Floppy drive interface	CN3	Reset switch	J2
Parallel port	CN4	Turbo LED	J3
Serial port 1	CN5	Speaker	J5
PS/2 mouse port	CN6	Green PC connector	J6
Serial port 2	CN7	IDE interface LED	J8
IDE interface 1	CN8	CPU fan power	J17
IDE interface 2	CN9	USB connector 1	USB1
Auxiliary keyboard connector	CN10	USB connector 2	USB2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	JP3	Pins 1 & 2 closed

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

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

CACHE CONFIGURATION
Note: 512KB cache is factory installed and is not configurable. The location is unidentified.

CPU SPEED SELECTION (CX 6X86)				
CPU speed	Clock speed	Multiplier	J4	J10
120MHz	50MHz	2x	1 & 2, 3 & 4, 5 & 6	1 & 2
150MHz	60MHz	2x	1 & 2	1 & 2
166MHz	66MHz	2x	Open	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)				
CPU speed	Clock speed	Multiplier	J4	J10
166MHz	60MHz	2.5x	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2x	Open	1 & 2
200MHz	66MHz	2.5x	Open	1 & 2
200MHz	66MHz	2x	Open	1 & 2
233MHz	75MHz	2.5x	3 & 4, 5 & 6	1 & 2, 3 & 4
233MHz	66MHz	3x	Open	3 & 4
233MHz	75MHz	2x	3 & 4, 5 & 6	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (AM K5)				
CPU speed	Clock speed	Multiplier	J4	J10
75MHz	50MHz	1.5x	1 & 2, 3 & 4, 5 & 6	Open
90MHz	60MHz	1.5x	1 & 2	Open
100MHz	66MHz	1.5x	Open	Open
120MHz	60MHz	2x	1 & 2	1 & 2
133MHz	66MHz	2x	Open	1 & 2
150MHz	60MHz	2.5x	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	Open	1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)				
CPU speed	Clock speed	Multiplier	J4	J10
166MHz	66MHz	2.5x	Open	1 & 2, 3 & 4
200MHz	66MHz	3x	Open	3 & 4
233MHz	66MHz	3.5x	Open	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)				
CPU speed	Clock speed	Multiplier	J4	J10
75MHz	50MHz	1.5x	1 & 2, 3 & 4, 5 & 6	Open
90MHz	60MHz	1.5x	1 & 2	Open
100MHz	66MHz	1.5x	Open	Open
120MHz	60MHz	2x	1 & 2	1 & 2
133MHz	66MHz	2x	Open	1 & 2
150MHz	60MHz	2.5x	1 & 2	1 & 2, 3 & 4
166MHz	66MHz	2.5x	Open	1 & 2, 3 & 4
200MHz	66MHz	3x	Open	3 & 4

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)				
CPU speed	Clock speed	Multiplier	J4	J10
166MHz	66MHz	2.5x	Open	1 & 2, 3 & 4
200MHz	66MHz	3x	Open	3 & 4
233MHz	66MHz	3.5x	Open	Open

Note: Pins designated should be in the closed position.

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CPU VOLTAGE SELECTION		
Voltage	J9	JP2
2.0v	1 & 2, 3 & 4, 5 & 6, 7 & 8	2 & 3
2.1v	3 & 4, 5 & 6, 7 & 8	2 & 3
2.2v	1 & 2, 5 & 6, 7 & 8	2 & 3
2.3v	5 & 6, 7 & 8	2 & 3
2.4v	1 & 2, 3 & 4, 7 & 8	2 & 3
2.5v	3 & 4, 7 & 8	2 & 3
2.6v	1 & 2, 7 & 8	2 & 3
2.7v	7 & 8	2 & 3
í 2.8v	1 & 2, 3 & 4, 5 & 6	2 & 3
2.9v	3 & 4, 5 & 6	2 & 3
3.0v	1 & 2, 5 & 6	2 & 3
3.1v	5 & 6	2 & 3
3.2v	1 & 2, 3 & 4	2 & 3
3.3v	3 & 4	1 & 2
3.4v	1 & 2	1 & 2
3.5v	Open	1 & 2

Note: Pins designated should be in the closed position.

SERIAL PORT 2 SELECTION					
Type	J12	J13	J14	J15	J16
í RS-232	5 & 6	1 & 2	1 & 2	1 & 2	1 & 2
RS-422	3 & 4	2 & 3	2 & 3	2 & 3	2 & 3
RS-485	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

FLASH BIOS ADDRESS SELECTION	
Address	J7
C8000	Pins 1 & 2 closed
D0000	Pins 3 & 4 closed
D8000	Pins 5 & 6 closed

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WATCH DOG TIMER SELECTION				
Seconds	JP1A	JP1B	JP1C	JP1D
.5	Pins 1 & 2 closed	Open	Open	Open
1	Open	Pins 1 & 2 closed	Open	Open
2	Open	Open	Pins 1 & 2 closed	Open
4	Open	Open	Open	Pins 1 & 2 closed
8	Open	Open	Open	Pins 2 & 3 closed
16	Open	Open	Pins 2 & 3 closed	Open
32	Open	Pins 2 & 3 closed	Open	Open
64	Pins 2 & 3 closed	Open	Open	Open

WATCH DOG SELECTION	
Setting	J11
í Reset system	Pins 2 & 3 closed
NMI system	Pins 1 & 2 closed
Disabled	Open