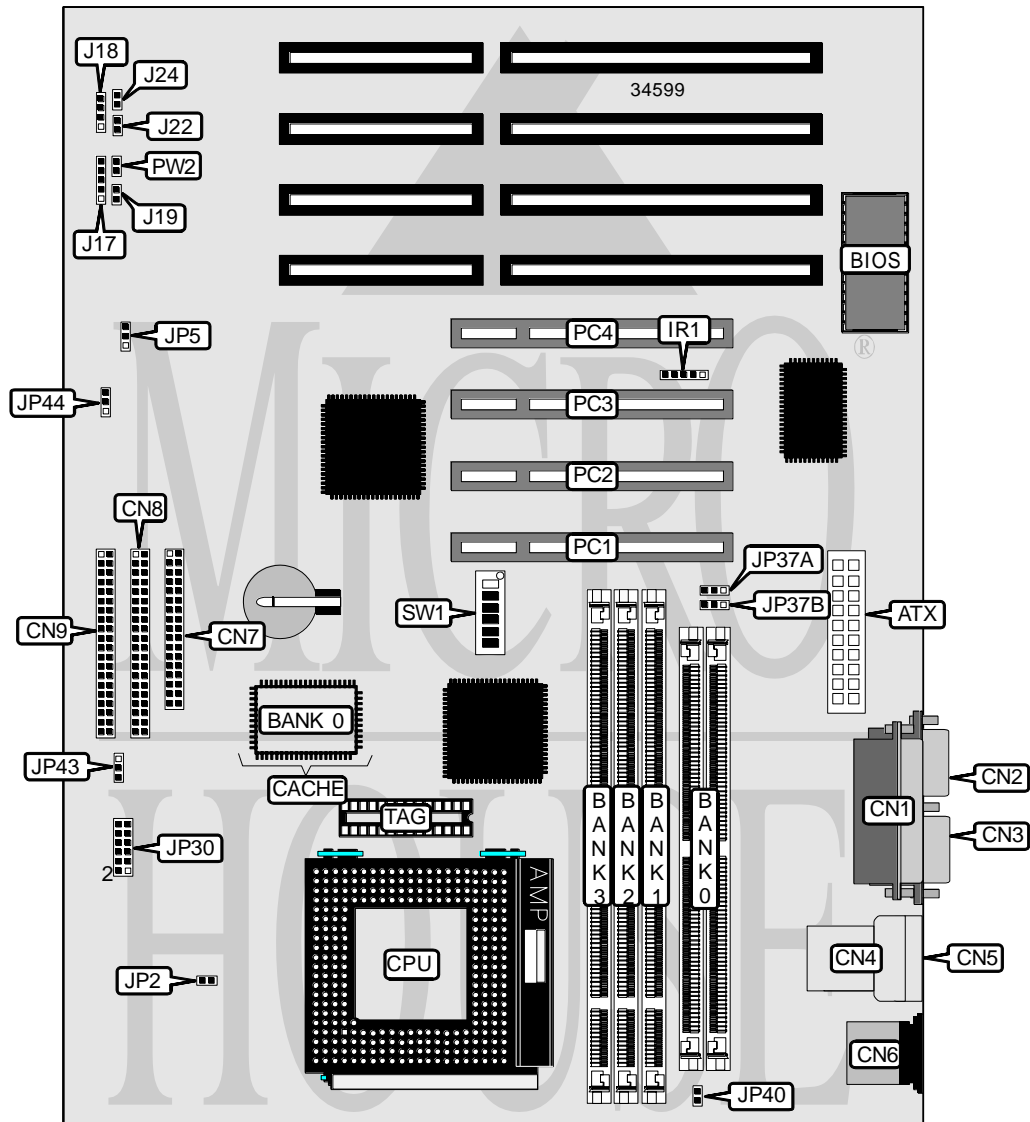


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5XA5, 5XAE5

Processor	CX 6X86/CX 6X86L/CX 6X86MX/AM K5/AM K6/Pentium
Processor Speed	75/90/100/120/133/150/166/180/200/233/266/300MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Unidentified
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IR connector	IR1
Parallel port	CN1	Power LED & keylock	J17
Serial port 2	CN2	Speaker	J18
Serial port 1	CN3	Reset switch	J19
USB connector 2	CN4	Turbo LED	J22
USB connector 1	CN5	IDE interface LED	J24
PS/2 mouse port	CN6	CPU cooling fan	JP43
Floppy drive interface	CN7	Wake on LAN connector	JP44
IDE interface 2	CN8	32-bit PCI slots	PC1 – PC4
IDE interface 1	CN9	Soft off power supply	PW2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
CMOS memory normal operation	JP5	Pins 1 & 2 closed
CMOS memory clear	JP5	Pins 2 & 3 closed
CE test disabled	JP40	Open
CE test enabled	JP40	Closed

DIMM/SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	None	(1) 1M x 64	None	None
8MB	(2) 1M x 36	None	None	None
16MB	None	(1) 2M x 64	None	None
16MB	(2) 2M x 36	None	None	None
16MB	None	(1) 1M x 64	(1) 1M x 64	None
16MB	(2) 1M x 36	(1) 1M x 64	None	None
24MB	None	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
24MB	(2) 1M x 36	(1) 1M x 64	(1) 1M x 64	None
24MB	(2) 2M x 36	(1) 1M x 64	None	None
32MB	None	(1) 4M x 64	None	None
32MB	(2) 4M x 36	None	None	None
32MB	(2) 2M x 36	(1) 1M x 64	(1) 1M x 64	None
32MB	(2) 2M x 36	(1) 2M x 64	None	None
32MB	None	(1) 2M x 64	(1) 2M x 64	None
40MB	(2) 1M x 36	(1) 2M x 64	(1) 2M x 64	None
40MB	(2) 1M x 36	None	(1) 4M x 64	None
48MB	(2) 2M x 36	(1) 2M x 64	(1) 2M x 64	None
48MB	None	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	None	(1) 8M x 64	None	None
64MB	(2) 8M x 36	None	None	None
64MB	None	(1) 4M x 64	(1) 4M x 64	None

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DIMM/SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
72MB	(2) 1M x 36	None	(1) 8M x 64	None
128MB	(2) 16M x 36	None	None	None
144MB	(2) 16M x 36	(1) 2M x 64	None	None
160MB	(2) 16M x 36	(1) 4M x 64	None	None
256MB	(2) 8M x 36	(1) 8M x 64	(1) 8M x 64	None

Note: Board accepts EDO memory.

DIMM VOLTAGE CONFIGURATION		
Voltage	JP37A	JP37B
3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed
5v	Pins 1 & 2 closed	Pins 1 & 2 closed

CACHE CONFIGURATION		
Size	Bank 0	TAG
512KB	(1) 64K x 64	(1) 16K x 8

Note: The location of bank 0 is unidentified.

CPU SPEED SELECTION (CX 6X86/6X 86L)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
150MHz	60MHz	2x	On	Off	On	Off	Off	Off
166MHz	66MHz	2x	On	Off	Off	Off	Off	Off
200MHz	75MHz	2x	On	Off	Off	On	Off	Off

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	60MHz	2.5x	On	On	On	Off	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
233MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	75MHz	2.5x	On	On	Off	On	Off	Off
266MHz	75MHz	3x	Off	On	Off	On	Off	Off

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
75MHz	50MHz	1.5x	Off	Off	On	On	On	Off
90MHz	60MHz	1.5x	Off	Off	On	Off	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	1.5x	Off	Off	On	Off	Off	Off
133MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
150MHz	60MHz	2x	On	Off	On	Off	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off

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CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off
266MHz	66MHz	4x	On	Off	Off	Off	Off	On
300MHz	66MHz	4.5x	On	On	Off	Off	Off	On

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
75MHz	50MHz	1.5x	Off	Off	On	On	On	Off
90MHz	60MHz	1.5x	Off	Off	On	Off	Off	Off
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	2x	On	Off	On	Off	Off	Off
133MHz	66MHz	2x	On	Off	Off	Off	Off	Off
150MHz	60MHz	2.5x	On	On	On	Off	Off	Off
166MHz	66MHz	2.5x	On	On	Off	Off	Off	Off
180MHz	60MHz	3x	Off	On	On	Off	Off	Off
200MHz	66MHz	3x	Off	On	Off	Off	Off	Off
233MHz	66MHz	3.5x	Off	Off	Off	Off	Off	Off

CPU VOLTAGE SELECTION (SINGLE)	
Voltage	JP30
3.3v	Pins 1 & 2, 9 & 10 closed
í 3.52v	Pins 1 & 2, 11 & 12 closed

CPU VOLTAGE SELECTION (DUAL)	
Voltage	JP30
2.1v	Pins 5 & 6 closed
í 2.8v	Pins 1 & 2, 11 & 12 closed
2.9v	Pins 1 & 2, 5 & 6 closed
3.2v	Pins 1 & 2, 7 & 8 closed

MISCELLANEOUS TECHNICAL NOTE
If board has problems detecting voltage on older version non Intel CPUs, remove the jumper from JP2.