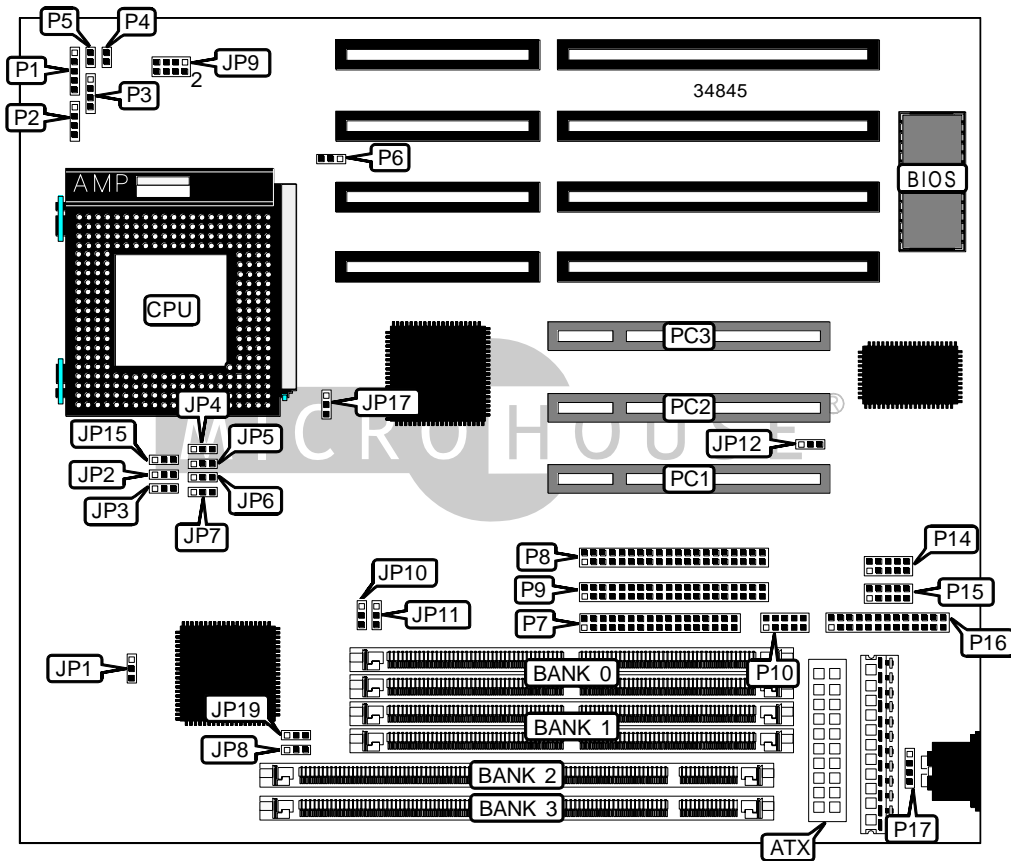


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<b>Device Type</b>	Mainboard
<b>Processor</b>	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium
<b>Processor Speed</b>	90/100/120/133/150/166/180/200/233MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	256MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	254mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), USB connector, ATX power connector
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 1	P8
Power LED & keylock	P1	IDE interface 2	P9
Speaker	P2	USB connector	P10
IDE interface LED	P3	Serial port	P14
Soft off power supply	P4	Serial port	P15
Reset switch	P5	Parallel port	P16
CPU fan power	P6	PS/2 mouse interface	P17
Floppy drive interface	P7	32-bit PCI slots	PC1 – PC3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Modem ring select COM2	JP12	Pins 2 & 3 closed
Modem ring select COM1	JP12	Pins 1 & 2 closed
í CMOS memory normal operation	JP17	Pins 1 & 2 closed
CMOS memory clear	JP17	Pins 2 & 3 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
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

Note: Board accepts EDO memory.

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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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

Note: Board accepts SDRAM memory.

DIMM VOLTAGE CONFIGURATION		
Voltage	JP8	JP19
3.3v	Pins 1 & 2 closed	Pins 1 & 2 closed
5v	Pins 2 & 3 closed	Pins 2 & 3 closed

**CACHE CONFIGURATION**  
 Note: The location of the 256KB/512KB is unidentified.

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
133MHz	55MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2	Open
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	Open
166MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	Open
200MHz	75MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (IBM 6X86)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
200MHz	75MHz	3x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2	Open
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	Open
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
166MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	Open
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
166MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	Open
200MHz	66MHz	3x	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	Open
233MHz	75MHz	3.5x	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2	Open
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
166MHz	60MHz	2x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	Open
200MHz	66MHz	3x	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	Open
233MHz	75MHz	3.5x	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2	Open
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	Open
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open
120MHz	60MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	Open
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	Open
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	Open
Note: Pins designated should be in the closed position.								

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CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	Open
200MHz	66MHz	3x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	Open
233MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	Open
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open
120MHz	60MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	Open
133MHz	66MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	Open
150MHz	60MHz	2.5x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	Open
166MHz	66MHz	2.5x	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	Open
180MHz	60MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	Open
200MHz	66MHz	3x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP10	JP11	JP15
200MHz	66MHz	3x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	Open
233MHz	66MHz	3.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	Open

Note: Pins designated should be in the closed position.

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CPU VOLTAGE SELECTION				
Voltage	JP4	JP5	JP6	JP7
2.0v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.1v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.2v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.3v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.4v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.5v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.6v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.7v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.8v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.9v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
3.0v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
3.1v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
3.2v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
3.4v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
3.5v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU VOLTAGE SELECTION (CON'T)				
Voltage	JP9/pins 1 & 2	JP9/pins 3 & 4	JP9/pins 5 & 6	JP9/pins 7 & 8
2.0v	Open	Open	Open	Open
2.1v	Open	Open	Open	Closed
2.2v	Open	Open	Closed	Open
2.3v	Open	Open	Closed	Closed
2.4v	Open	Closed	Open	Open
2.5v	Open	Closed	Open	Closed
2.6v	Open	Closed	Closed	Open
2.7v	Open	Closed	Closed	Closed
2.8v	Closed	Open	Open	Open
2.9v	Closed	Open	Open	Closed
3.0v	Closed	Open	Closed	Open
3.1v	Closed	Open	Closed	Closed
3.2v	Closed	Closed	Open	Open
3.3v	Closed	Closed	Open	Closed
3.4v	Closed	Closed	Closed	Open
3.5v	Closed	Closed	Closed	Closed