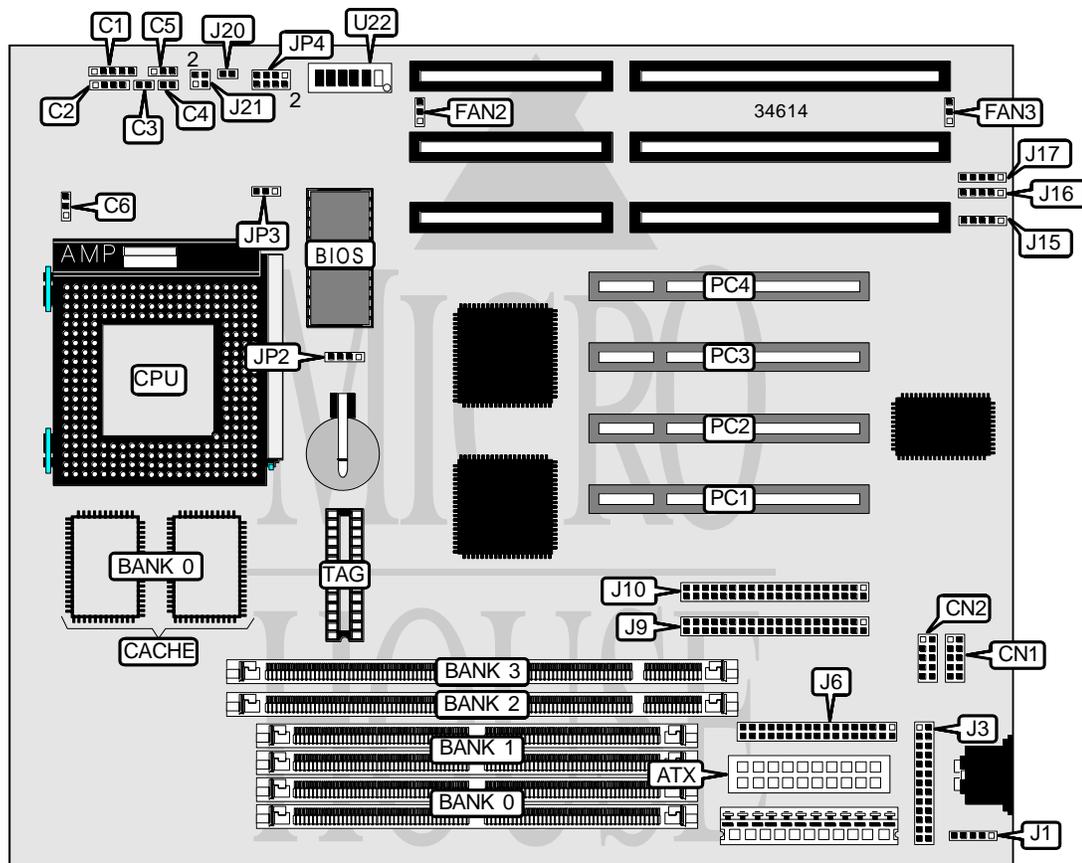


J-MARK COMPUTER CORPORATION

5 T X C

Processor	CX 6X86/CX 6X86/CX 686MX/IBM 6X86/AM K5/AM K6/Pentium
Processor Speed	90/100/120/133/150/166/200/233/266/300MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	512MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	250mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2), ATX power connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Parallel port	J3
Serial port 2	CN1	Floppy drive interface	J6
Serial port 1	CN2	IDE interface 1	J9
Power LED & keylock	C1	IDE interface 2	J10
Speaker	C2	IR connector	J15
Reset switch	C3	USB connector 1	J16
Turbo LED	C4	USB connector 2	J17
Turbo switch	C5	Soft off power supply	J20
CPU fan power	C6	IDE interface LED	J21/pins 1 & 3
Chassis fan power	FAN2	Green PC connector	J21/pins 2 & 4
Chassis fan power	FAN3	32-bit PCI slots	PC1 – PC4
PS/2 mouse interface	J1		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP2	Pins 2 & 3 closed
CMOS memory clear	JP2	Pins 3 & 4 closed
Flash BIOS voltage select 12v	JP3	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP3	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 0	Bank 1
32MB	(1) 2M x 64	(1) 2M x 64
48MB	(1) 2M x 64	(1) 4M x 64
64MB	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(2) 32K x 32	(1) 32K x 8
512KB	(2) 64K x 32	(1) 32K x 8

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	U22/1	U22/2	U22/3	U22/4	U22/5	U22/6
150MHz	60MHz	2x	Off	Off	On	Off	Off	On
166MHz	66MHz	2x	Off	Off	On	Off	Off	Off
200MHz	75MHz	2x	Off	Off	On	Off	On	Off

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	U22/1	U22/2	U22/3	U22/4	U22/5	U22/6
166MHz	66MHz	2.5x	Off	On	On	Off	Off	On
200MHz	75MHz	2x	Off	Off	On	Off	On	Off
233MHz	66MHz	3x	Off	On	Off	Off	Off	Off

CPU SPEED SELECTION (IBM 6X86)								
CPU speed	Clock speed	Multiplier	U22/1	U22/2	U22/3	U22/4	U22/5	U22/6
150MHz	60MHz	2x	Off	Off	On	Off	Off	On
166MHz	66MHz	2x	Off	Off	On	Off	Off	Off
200MHz	75MHz	2x	Off	Off	On	Off	On	Off

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	U22/1	U22/2	U22/3	U22/4	U22/5	U22/6
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
133MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
166MHz	66MHz	2.5x	Off	On	On	Off	Off	Off

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CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	U22/1	U22/2	U22/3	U22/4	U22/5	U22/6
166MHz	66MHz	2.5x	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
266MHz	66MHz	4x	On	Off	On	Off	Off	Off
300MHz	66MHz	4.5x	On	On	On	Off	Off	Off

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	U22/1	U22/2	U22/3	U22/4	U22/5	U22/6
90MHz	60MHz	1.5x	Off	Off	Off	Off	Off	On
100MHz	66MHz	1.5x	Off	Off	Off	Off	Off	Off
120MHz	60MHz	2x	Off	Off	On	Off	Off	On
133MHz	66MHz	2x	Off	Off	On	Off	Off	Off
150MHz	60MHz	2.5x	Off	On	On	Off	Off	On
166MHz	66MHz	2.5x	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	
Voltage	JP4
2.1v	Pins 1 & 2 closed
2.8v	Pins 7 & 8 closed
2.9v	Pins 1 & 2, 7 & 8 closed
3.2v	Pins 5 & 6, 7 & 8 closed
3.3v	Pins 1 & 2, 5 & 6, 7 & 8 closed
3.45v	Pins 3 & 4, 5 & 6, 7 & 8 closed
3.52v	Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed