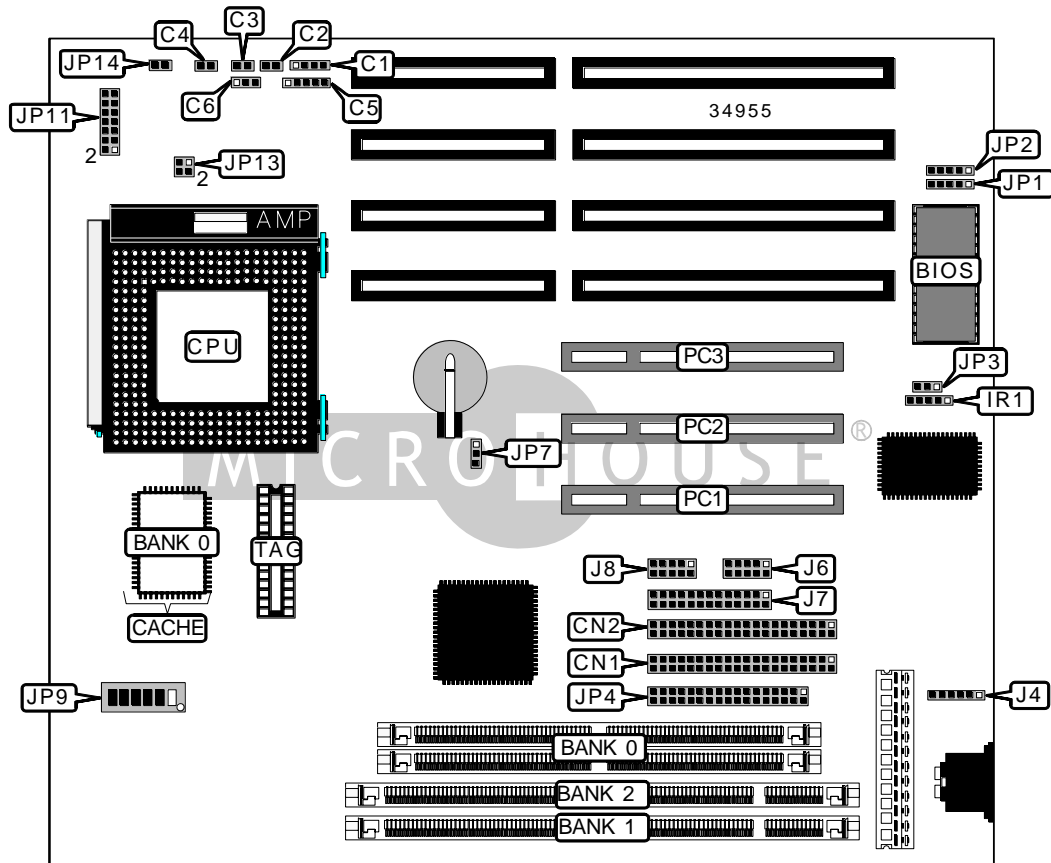


J-MARK COMPUTER CORPORATION

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Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 686MX/AM K5/AM K6/Pentium
Processor Speed	75/90/100/120/133/150/166/200/233/266/300MHz
Chip Set	SIS
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	512KB
BIOS	Award
Dimensions	220mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, USB connectors (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	C1	PS/2 mouse interface	J4
Reset switch	C2	Serial port 1	J6
Turbo LED	C3	Parallel port	J7
IDE interface LED	C4	Serial port 2	J8
Power LED & keylock	C5	USB connector 1	JP1
Turbo switch/green PC connector	C6	USB connector 2	JP2
IDE interface 2	CN1	Floppy drive interface	JP4
IDE interface 1	CN2	CPU fan power	JP14
IR connector	IR1	32-bit PCI slots	PC1 – PC3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Green PC connector	C6	Pins 1 & 2 closed
Turbo switch	C6	Pins 2 & 3 closed
Flash BIOS voltage select 12v	JP3	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP3	Pins 1 & 2 closed
CMOS memory normal operation	JP7	Pins 1 & 2 closed
CMOS memory clear	JP7	Pins 2 & 3 closed

SIMM CONFIGURATION	
Size	Bank 0
8MB	(2) 1M x 36
16MB	(2) 2M x 36
32MB	(2) 4M x 36
64MB	(2) 8M x 36
128MB	(2) 16M x 36
256MB	(2) 32M x 36

Note: Board accepts EDO memory.

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DIMM CONFIGURATION		
Size	Bank 0	Bank 1
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.

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

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	JP9/1	JP9/2	JP9/3	JP9/4	JP9/5	JP9/6
120MHz	50MHz	2x	On	Off	Off	On	On	On
133MHz	55MHz	2x	On	Off	Off	Off	On	On
150MHz	60MHz	2x	On	Off	Off	On	On	Off
166MHz	66MHz	2x	On	Off	Off	On	Off	On
200MHz	75MHz	2x	On	Off	Off	Off	On	Off

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CPU SPEED SELECTION (IBM 6X86)								
CPU speed	Clock speed	Multiplier	JP9/1	JP9/2	JP9/3	JP9/4	JP9/5	JP9/6
120MHz	50MHz	2x	On	Off	Off	On	On	On
133MHz	55MHz	2x	On	Off	Off	Off	On	On
150MHz	60MHz	2x	On	Off	Off	On	On	Off
166MHz	66MHz	2x	On	Off	Off	On	Off	On
200MHz	75MHz	2x	On	Off	Off	Off	On	Off

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	Clock speed	Multiplier	JP9/1	JP9/2	JP9/3	JP9/4	JP9/5	JP9/6
166MHz	60MHz	2.5x	On	On	Off	On	On	Off
166MHz	66MHz	2.5x	On	On	Off	On	Off	On
200MHz	75MHz	2x	On	Off	Off	Off	On	Off
233MHz	66MHz	3x	Off	On	Off	On	Off	On

CPU SPEED SELECTION (AM K5)								
CPU speed	Clock speed	Multiplier	JP9/1	JP9/2	JP9/3	JP9/4	JP9/5	JP9/6
90MHz	60MHz	1.5x	Off	Off	Off	On	On	Off
100MHz	66MHz	1.5x	Off	Off	Off	On	Off	On
133MHz	66MHz	1.5x	Off	Off	Off	On	Off	On
166MHz	66MHz	2.5x	On	On	Off	On	Off	On

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	JP9/1	JP9/2	JP9/3	JP9/4	JP9/5	JP9/6
166MHz	66MHz	2.5x	On	On	Off	On	Off	On
200MHz	66MHz	3x	Off	On	Off	On	Off	On
266MHz	66MHz	4x	On	Off	On	On	Off	On
300MHz	66MHz	4.5x	On	On	On	On	Off	On

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	JP9/1	JP9/2	JP9/3	JP9/4	JP9/5	JP9/6
75MHz	50MHz	1.5x	Off	Off	Off	On	On	On
90MHz	60MHz	1.5x	Off	Off	Off	On	On	Off
100MHz	66MHz	1.5x	Off	Off	Off	On	Off	On
120MHz	60MHz	2x	On	Off	Off	On	On	Off
133MHz	66MHz	2x	On	Off	Off	On	Off	On
150MHz	60MHz	2.5x	On	On	Off	On	On	Off
166MHz	66MHz	2.5x	On	On	Off	On	Off	On
200MHz	66MHz	3x	Off	On	Off	On	Off	On

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