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Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium
Processor Speed	90/100/120/133/150/166/200/233MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	254mm x 218mm
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)
NPU Options	None
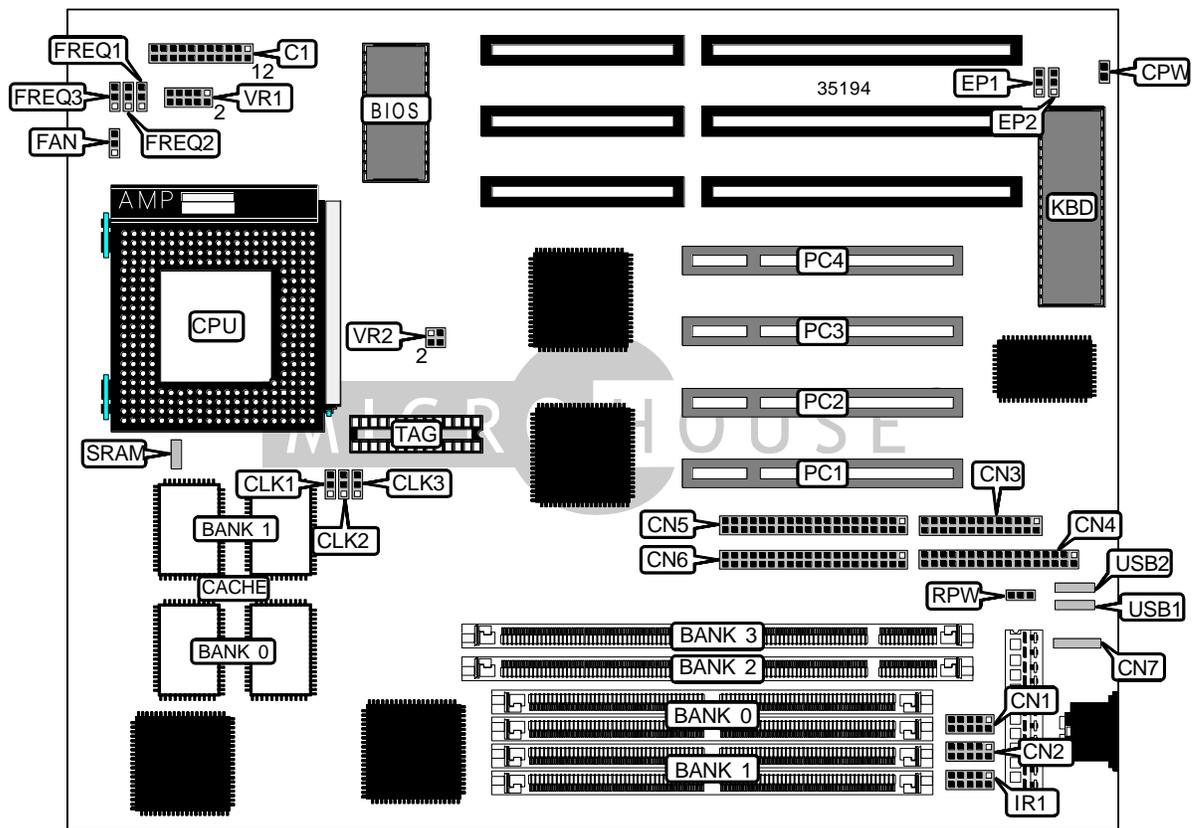
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Power LED & keylock	C1/pins 1 - 5	Floppy drive interface	CN4
Turbo LED	C1/pins 6 & 7	IDE interface 2	CN5
Green PC connector	C1/pins 8 & 9	IDE interface 1	CN6
Green PC LED	C1/pins 10 & 11	PS/2 mouse interface	CN7
Speaker	C1/pins 12 - 15	CPU fan power	FAN
IDE interface LED	C1/pins 16 & 17	IR connector	IR1
Soft off power supply	C1/pins 18 & 19	32-bit PCI slots	PC1 – PC4
Reset switch	C1/pins 20 & 21	Remote power connector	RPW
Serial port 1	CN1	USB connector 1	USB1
Serial port 2	CN2	USB connector 2	USB2
Parallel port	CN3		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Password disabled	CPW	Open
Password enabled	CPW	Closed
í Factory configured - do not alter	SRAM	Unidentified

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
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) 8M x 64	(1) 8M x 64
Note: Board accepts SDRAM memory.		

CACHE CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**TAG**
256KB	(2) 32K x 32	None	(1) 16K/32K x 8
512KB	(2) 64K x 32	None	(1) 16K/32K x 8
512KB	(2) 32K x 32	(2) 32K x 32	(1) 16K/32K x 8

CPU SPEED SELECTION (CX 6X86)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IBM 6X86)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

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CPU SPEED SELECTION (CX 6X86L)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
133MHz	55MHz	2x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	55MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	55MHz	3x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	55MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	55MHz	3x	2 & 3	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
200MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	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**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
150MHz	60MHz	1.75x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	1.75x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**	**FREQ1**	**FREQ2**	**FREQ3**
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU VOLTAGE SELECTION (SINGLE)		
Voltage	**VR1**	**VR2**
3.3v	Pins 3 & 4 closed	Open
3.5v	Pins 1 & 2 closed	Open

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CPU VOLTAGE SELECTION (DUAL)			
Voltage	**V core**	**VR1**	**VR2**
3.3v	2.8v	Pins 9 & 10 closed	Pins 1 & 2, 3 & 4 closed
3.3v	2.9v	Pins 7 & 8 closed	Pins 1 & 2, 3 & 4 closed

FLASH BIOS SELECTION		
Type	**EP1**	**EP2**
ATMEL AT29C010A	Pins 2 & 3 closed	Pins 1 & 2 closed
Intel 28F001	Pins 1 & 2 closed	Pins 1 & 2 closed
MXIC MX28F2000P	Pins 1 & 2 closed	Pins 2 & 3 closed
MXIC MX28F1000	Pins 1 & 2 closed	Pins 1 & 2 closed
SST 29EE010	Pins 2 & 3 closed	Pins 1 & 2 closed
SST 29EE020	Pins 2 & 3 closed	Pins 2 & 3 closed