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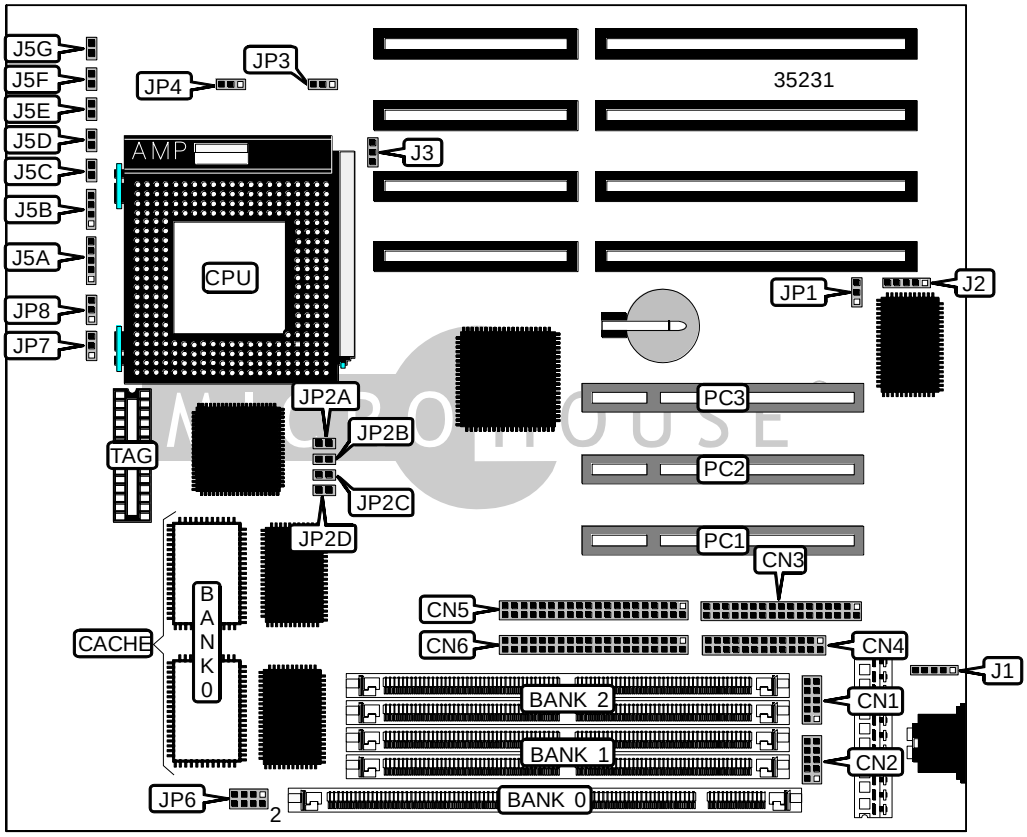
P 5 5 - V P 2

Device Type	Mainboard
Processor	CX 6X86/IBM 6X86/CX 6X86L/IBM 6X86L/CX 686MX/IBM 6X86MX/ AM K5/AM K6/Pentium/Pentium MMX
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	VIA
Video Chip Set	None
Maximum Onboard Memory	192MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	230mm 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
NPU Options	None



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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Serial port 1	CN1	Power LED & keylock	J5A
Serial port 2	CN2	Speaker	J5B
Floppy drive interface	CN3	Reset switch	J5C
Parallel port	CN4	Green PC connector	J5D
IDE interface 2	CN5	Turbo LED	J5E
IDE interface 1	CN6	IDE interface LED	J5F
PS/2 mouse interface	J1	Green PC LED	J5G
IR connector	J2	32-bit PCI slots	PC1 – PC3
CPU fan power	J3		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Flash BIOS voltage select 12v	JP1	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP1	Pins 1 & 2 closed

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

DIMM VOLTAGE CONFIGURATION	
Voltage	**JP6**
í 3.3v	Pins 5 & 6, 7 & 8 closed
5v	Pins 1 & 2, 3 & 4 closed

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

CPU SPEED SELECTION (CX 6X86)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
120MHz	50MHz	2x	Closed	Closed	Closed	Open	2 & 3	1 & 2
133MHz	55MHz	2x	Closed	Closed	Open	Open	2 & 3	1 & 2
150MHz	60MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
166MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
200MHz (A)	75MHz	2x	Open	Closed	Open	Open	2 & 3	1 & 2
200MHz (B)	75MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
Note: Pins designated should be in the closed position. A = synchronous PCI. B = asynchronous PCI.								

CPU SPEED SELECTION (IBM 6X86)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
120MHz	50MHz	2x	Closed	Closed	Closed	Open	2 & 3	1 & 2
133MHz	55MHz	2x	Closed	Closed	Open	Open	2 & 3	1 & 2
150MHz	60MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
166MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
200MHz (A)	75MHz	2x	Open	Closed	Open	Open	2 & 3	1 & 2
200MHz (B)	75MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
Note: Pins designated should be in the closed position. A = synchronous PCI. B = asynchronous PCI.								

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CPU SPEED SELECTION (CX 6X86L)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
120MHz	50MHz	2x	Closed	Closed	Closed	Open	2 & 3	1 & 2
133MHz	55MHz	2x	Closed	Closed	Open	Open	2 & 3	1 & 2
150MHz	60MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
166MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
200MHz (A)	75MHz	2x	Open	Closed	Open	Open	2 & 3	1 & 2
200MHz (B)	75MHz	2x	Open	Closed	Open	Closed	2 & 3	1 & 2
Note: Pins designated should be in the closed position. A = synchronous PCI. B = asynchronous PCI.								

CPU SPEED SELECTION (IBM 6X86L)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
120MHz	50MHz	2x	Closed	Closed	Closed	Open	2 & 3	1 & 2
133MHz	55MHz	2x	Closed	Closed	Open	Open	2 & 3	1 & 2
150MHz	60MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
166MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
200MHz (A)	75MHz	2x	Open	Closed	Open	Open	2 & 3	1 & 2
200MHz (B)	75MHz	2x	Open	Closed	Open	Closed	2 & 3	1 & 2
Note: Pins designated should be in the closed position. A = synchronous PCI. B = asynchronous PCI.								

CPU SPEED SELECTION (CX 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
166MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
166MHz	60MHz	2.5x	Closed	Closed	Open	Open	2 & 3	2 & 3
200MHz (A)	75MHz	2x	Open	Closed	Open	Open	2 & 3	1 & 2
200MHz (B)	75MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
200MHz	66MHz	2.5x	Closed	Open	Closed	Open	2 & 3	2 & 3
Note: Pins designated should be in the closed position. A = synchronous PCI. B = asynchronous PCI.								

CPU SPEED SELECTION (IBM 6X86MX)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
166MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
166MHz	60MHz	2.5x	Closed	Closed	Open	Open	2 & 3	2 & 3
200MHz (A)	75MHz	2x	Open	Closed	Open	Open	2 & 3	1 & 2
200MHz (B)	75MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
200MHz	66MHz	2.5x	Closed	Open	Closed	Open	2 & 3	2 & 3
Note: Pins designated should be in the closed position. A = synchronous PCI. B = asynchronous PCI.								

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CPU SPEED SELECTION (AK K5)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
75MHz	50MHz	1.5x	Closed	Closed	Closed	Open	1 & 2	1 & 2
90MHz	60MHz	1.5x	Open	Closed	Closed	Open	1 & 2	1 & 2
100MHz	66MHz	1.5x	Closed	Open	Closed	Open	1 & 2	1 & 2
120MHz	60MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
133MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
150MHz	60MHz	2.5x	Open	Closed	Closed	Open	2 & 3	2 & 3
166MHz	66MHz	2.5x	Closed	Open	Closed	Open	2 & 3	2 & 3
180MHz	60MHz	3x	Open	Closed	Closed	Open	1 & 2	2 & 3
200MHz	66MHz	3x	Closed	Open	Closed	Open	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
166MHz	66MHz	2.5x	Closed	Open	Closed	Open	2 & 3	2 & 3
200MHz	66MHz	3x	Closed	Open	Closed	Open	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
75MHz	50MHz	1.5x	Closed	Closed	Closed	Open	1 & 2	1 & 2
90MHz	60MHz	1.5x	Open	Closed	Closed	Open	1 & 2	1 & 2
100MHz	66MHz	1.5x	Closed	Open	Closed	Open	1 & 2	1 & 2
120MHz	60MHz	2x	Open	Closed	Closed	Open	2 & 3	1 & 2
133MHz	66MHz	2x	Closed	Open	Closed	Open	2 & 3	1 & 2
150MHz	60MHz	2.5x	Open	Closed	Closed	Open	2 & 3	2 & 3
166MHz	66MHz	2.5x	Closed	Open	Closed	Open	2 & 3	2 & 3
180MHz	60MHz	3x	Open	Closed	Closed	Open	1 & 2	2 & 3
200MHz	66MHz	3x	Closed	Open	Closed	Open	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL MMX)								
CPU speed	**Clock speed**	**Multiplier**	**JP2A**	**JP2B**	**JP2C**	**JP2D**	**JP7**	**JP8**
166MHz	66MHz	2.5x	Closed	Open	Closed	Open	2 & 3	2 & 3
200MHz	66MHz	3x	Closed	Open	Closed	Open	1 & 2	2 & 3
Note: Pins designated should be in the closed position.								

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CPU TYPE SELECTION	
Type	**JP4**
AMD	Pins 1 & 2 closed
Cyrix	Pins 1 & 2 closed
Intel	Pins 2 & 3 closed
Intel MMX	Pins 1 & 2 closed

CPU VOLTAGE SELECTION	
Voltage	**JP3**
2.8v	Pins 2 & 3 closed
2.9v	Pins 1 & 2 closed
3.2v	Open