

CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 2	CN5
Speaker	C1	IDE interface 1	CN6
Green PC LED	C2	PS/2 mouse interface	CN7
Power LED & keylock	C3	PS/2 mouse port	CN8
Reset switch	C4	Chassis fan power	FAN
IDE interface LED	C5	IR connector	FIR
Soft off power supply	C7	IR connector	IR1
Serial port 2	CN1	32-bit PCI slots	PC1 – PC4
Serial port 1	CN2	USB connector 1	USB1
Floppy drive interface	CN3	USB connector 2	USB2
Parallel port	CN4		

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	C6	Unidentified
Power supply select AT	J1	Closed
Power supply select ATX	J1	Open
» CMOS memory normal operation	JBAT	Pins 1 & 2 closed
CMOS memory clear	JBAT	Pins 2 & 3 closed
» Factory configured - do not alter	JP4	Unidentified
Flash BIOS voltage select 12v	JROM	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JROM	Pins 2 & 3 closed
» Factory configured - do not alter	JV1	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

SIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1
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
256MB	(2) 32M x 36	None

264MB	(2) 32M x 36	(2) 1M x 36
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36
Note: Board accepts EDO memory.		

DIMM CONFIGURATION			
Size	Bank 2	Bank 3	Bank 4
8MB	(1) 1M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
16MB	(1) 2M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
32MB	(1) 4M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
64MB	(1) 8M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
128MB	(1) 16M x 64	None	None

DIMM CONFIGURATION (CON'T)			
Size	Bank 2	Bank 3	Bank 4
164MB	(1) 16M x 64	(1) 1M x 64	None

144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
192MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
256MB	(1) 32M x 64	None	None
264MB	(1) 32M x 64	(1) 1M x 64	None
272MB	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64	None
288MB	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64	None
320MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64	None
384MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
Note: Board accepts SDRAM memory.			

CACHE CONFIGURATION	
Size	Bank 0
512KB	(4) 32K x 32

1MB

(4) 64K x 32

CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
120MHz	50MHz	2x	1 & 2, 3 & 4, 5 & 6	1 & 2	1 & 2	2 & 3
133MHz	55MHz	2x	3 & 4, 5 & 6	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	5 & 6	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	Open	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	3 & 4	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
120MHz	50MHz	2x	1 & 2, 3 & 4, 5 & 6	1 & 2	1 & 2	2 & 3
133MHz	55MHz	2x	3 & 4, 5 & 6	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2x	5 & 6	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	Open	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	3 & 4	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
150MHz	60MHz	2x	5 & 6	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	Open	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	3 & 4	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
150MHz	60MHz	2x	5 & 6	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	Open	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	3 & 4	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
166MHz	60MHz	2.5x	5 & 6	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	Open	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3x	Open	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	Open	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
166MHz	60MHz	2.5x	5 & 6	1 & 2	2 & 3	2 & 3
200MHz	66MHz	2.5x	Open	1 & 2	2 & 3	2 & 3
233MHz	66MHz	3x	Open	1 & 2	2 & 3	1 & 2
266MHz	66MHz	3.5x	Open	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
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75MHz	50MHz	1.5x	1 & 2, 3 & 4, 5 & 6	1 & 2	1 & 2	1 & 2
90MHz	60MHz	1.5x	5 & 6	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	5 & 6	1 & 2	1 & 2	1 & 2
133MHz	66MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2.5x	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	Open	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	JC1	JP1	JP2	JP3
166MHz	66MHz	2.5x	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	Open	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	Open	1 & 2	1 & 2	1 & 2
266MHz	66MHz	4x	Open	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JC1	JP1	JP2	JP3
75MHz	50MHz	1.5x	1 & 2, 3 & 4, 5 & 6	1 & 2	1 & 2	1 & 2
90MHz	60MHz	1.5x	5 & 6	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	5 & 6	1 & 2	1 & 2	2 & 3
133MHz	66MHz	2x	Open	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2.5x	5 & 6	1 & 2	2 & 3	2 & 3
166MHz	66MHz	2.5x	Open	1 & 2	2 & 3	2 & 3

200MHz	66MHz	3x	Open	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	JC1	JP1	JP2	JP3
166MHz	66MHz	2.5x	Open	1 & 2	2 & 3	2 & 3
200MHz	66MHz	3x	Open	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	Open	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

CPU VOLTAGE SELECTION (SINGLE)				
Voltage	JPW1	JV2	JV3	JV4
3.3v	1 & 2, 5 & 6, 7 & 8	3 & 4	1 & 2, 3 & 4, 5 & 6	Open
3.52v	1 & 2, 3 & 4, 5 & 6, 7 & 8	3 & 4	1 & 2, 3 & 4, 5 & 6	Open
Note: Pins designated should be in the closed position.				

CPU VOLTAGE SELECTION (DUAL)					
Voltage	V core	JPW1	JV2	JV3	JV4
3.3v	2.1v	1 & 2	1 & 2	Open	1 & 2, 3 & 4, 5 & 6
3.3v	2.8v	7 & 8	1 & 2	Open	1 & 2, 3 & 4, 5 & 6
3.3v	2.9v	1 & 2, 7 & 8	1 & 2	Open	1 & 2, 3 & 4, 5 & 6
3.3v	3.2v	5 & 6, 7 & 8	1 & 2	Open	1 & 2, 3 & 4, 5 & 6
Note: Pins designated should be in the closed position.					