

CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Soft off power supply	J7/pins 7 & 8
ATX power connector	ATX	Green PC LED	J7/pins 9 & 10
Serial port 2	CN1	Speaker	J7/pins 11 – 14
Serial port 1	CN2	IDE interface LED	J7/pins 16 & 17
IDE interface 2	CN3	Reset switch	J7/pins 19 & 20
IDE interface 1	CN4	IR connector	JIR1
Floppy drive interface	CN5	32-bit PCI slots	PC1 – PC4
Parallel port	CN6	PS/2 mouse interface	PS2
Wake on LAN connector	J1	USB connector 1	USB1
Power LED & keylock	J7/pins 1 – 5	USB connector 2	USB2

USER CONFIGURABLE SETTINGS

Function	Label	Position
» Power supply select AT	JAT1	Pins 1 & 2 closed
Power supply select ATX	JAT1	Pins 2 & 3 closed
» CMOS memory normal operation	JBAT	Pins 1 & 2 closed
CMOS memory clear	JBAT	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None

24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
40MB	(1) 2M x 64	(1) 2M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
56MB	(1) 4M x 64	(1) 2M x 64	(1) 1M x 64

DIMM CONFIGURATION (CON'T)

Size	Bank 0	Bank 1	Bank 2
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
72MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64
88MB	(1) 8M x 64	(1) 2M x 64	(1) 1M x 64
96MB	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
104MB	(1) 8M x 64	(1) 4M x 64	(1) 1M x 64

112MB	(1) 8M x 64	(1) 4M x 64	(1) 2M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None
136MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None
160MB	(1) 8M x 64	(1) 8M 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
200MB	(1) 16M x 64	(1) 8M x 64	(1) 1M x 64
208MB	(1) 16M x 64	(1) 8M x 64	(1) 2M x 64
224MB	(1) 16M x 64	(1) 8M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO & SDRAM memory.

SDRAM CLOCK SELECTION

Setting	J5	JP3
SDRAM = AGP clock	Pins 2 & 3 closed	Pins 1 & 2 closed
SDRAM = CPU clock	Pins 1 & 2 closed	Pins 2 & 3 closed

CACHE CONFIGURATION

Note: The location of the cache is unidentified.

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	J2	J3	J4	JP4
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
150MHz	60MHz	2x	Open	Open	1 & 2	1 & 2
166MHz	66MHz	2x	Open	Open	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	Open	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	J2	J3	J4	JP4
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3
200MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
233MHz	75MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3
266MHz	83MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3
333MHz	100MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2
333MHz	83MHz	3x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
166MHz	60MHz	2.5x	Open	2 & 3	2 & 3	1 & 2
200MHz	66MHz	2.5x	Open	2 & 3	2 & 3	1 & 2
233MHz	75MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	66MHz	3x	Open	1 & 2	2 & 3	1 & 2
266MHz	83MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
300MHz	66MHz	3.5x	Open	1 & 2	1 & 2	1 & 2
333MHz	100MHz	2.5x	2 & 3	2 & 3	2 & 3	1 & 2
333MHz	83MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX M1)

CPU speed	Clock speed	Multiplier	J2	J3	J4	JP4
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX M1, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
150MHz	60MHz	2x	Open	Open	1 & 2	1 & 2
166MHz	66MHz	2x	Open	Open	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	Open	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX MII)

CPU speed	Clock speed	Multiplier	J2	J3	J4	JP4
350MHz	100MHz	3.5x	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX MII, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
350MHz	100MHz	3.5x	2 & 3	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	J2	J3	J4	JP4
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	2 & 3
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K5, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
90MHz	60MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
133MHz	66MHz	1.5x	Open	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6)

CPU speed	Clock speed	Multiplier	J2	J3	J4	JP4
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
166MHz	66MHz	2.5x	Open	2 & 3	2 & 3	1 & 2
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
300MHz	66MHz	4.5x	Open	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6-2)

CPU speed	Clock speed	Multiplier	J2	J3	J4	JP4
300MHz	66MHz	4.5x	1 & 2	1 & 2	1 & 2	2 & 3
300MHz	100MHz	3x	1 & 2	1 & 2	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AM K6-2, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
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300MHz	66MHz	4.5x	Open	2 & 3	2 & 3	2 & 3
300MHz	100MHz	3x	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	J2	J3	J4	JP4
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	2 & 3
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL, CON'T)						
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
90MHz	60MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	Open	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	Open	Open	1 & 2	1 & 2
133MHz	66MHz	2x	Open	Open	1 & 2	1 & 2
150MHz	60MHz	2.5x	Open	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	Open	2 & 3	2 & 3	1 & 2
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	J2	J3	J4	JP4
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	2 & 3
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX, CON'T)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8
166MHz	66MHz	2.5x	Open	2 & 3	2 & 3	1 & 2
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

Voltage	J6/pins 1 & 2	J6/pins 3 & 4	J6/pins 5 & 6	J6/pins 7 & 8
2.2v	Open	Closed	Open	Open
2.7v	Closed	Closed	Closed	Open
2.8v	Open	Open	Open	Closed
2.9v	Closed	Open	Open	Closed
3.2v	Open	Open	Closed	Closed
3.3v	Closed	Open	Closed	Closed
3.5v	Closed	Closed	Closed	Closed