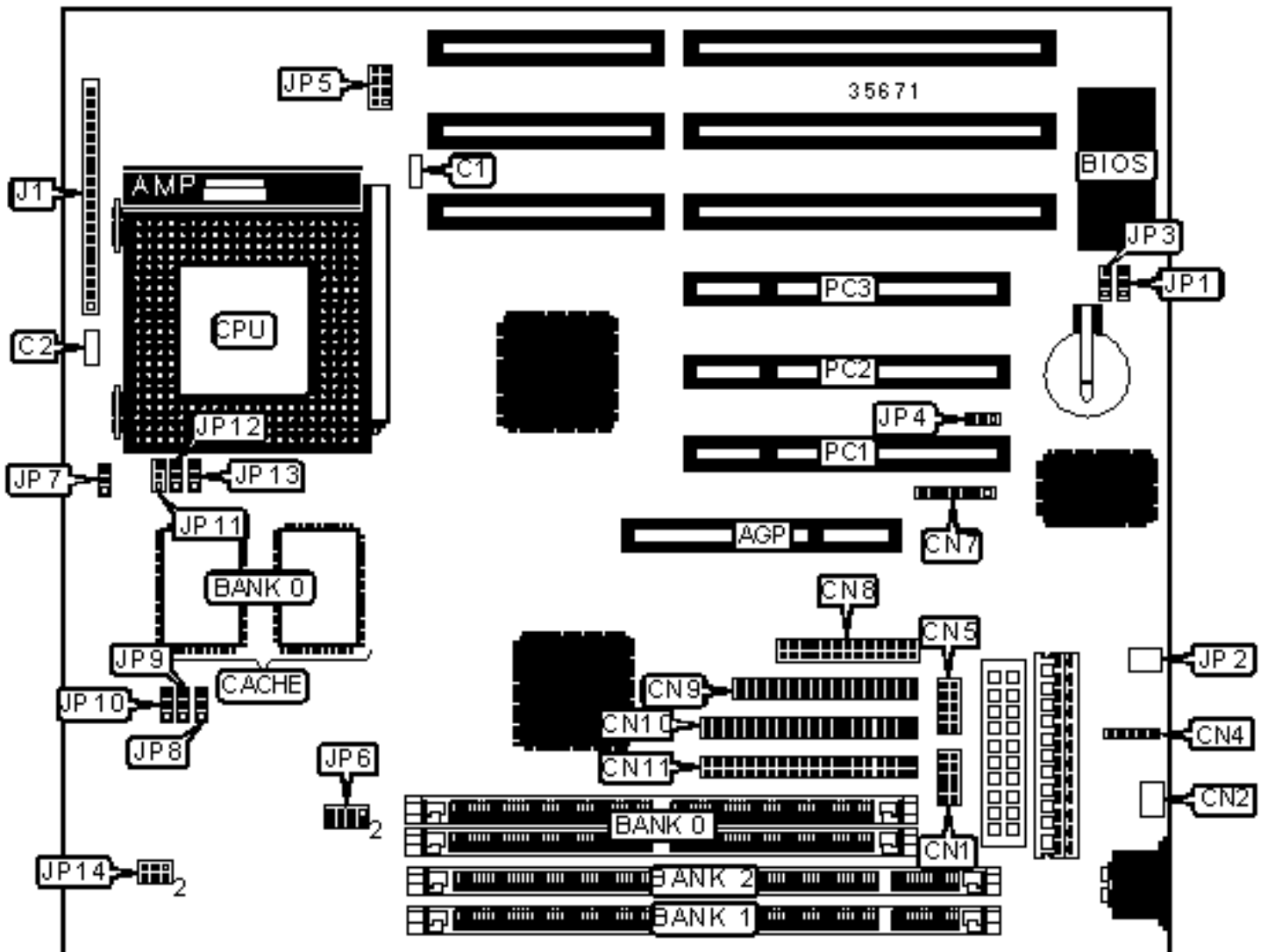


5VP3

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 2	CN10
ATX power connector	ATX	IDE interface 1	CN11
Chassis fan power	C1	Power LED & keylock	J1/pins 1 – 5
Turbo LED	C2	Speaker	J1/pins 7 – 10
Serial port 1	CN1	Reset switch	J1/pins 12 & 13
PS/2 mouse interface	CN4	D LED	J1/pins 15 & 16
Serial port 2	CN5	Soft off power supply	J1/pins 18 & 19
IR connector	CN7	IDE interface LED	J1/pins 21 & 22
Parallel port	CN8	USB connector	JP2
Floppy drive interface	CN9	32-bit PCI slots	PC1 – PC3

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Factory configured - do not alter	CN2	Unidentified
Flash BIOS voltage select 12v	JP1	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP1	Pins 1 & 2 closed
» CMOS memory normal operation	JP3	Pins 1 & 2 closed
CMOS memory clear	JP3	Pins 2 & 3 closed
Power supply select AT	JP4	Pins 1 & 2 closed
Power supply select ATX	JP4	Pins 2 & 3 closed
Cache type select interface burst	JP7	Pins 1 & 2 closed
Cache type select linear burst	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.	

<b>DIMM CONFIGURATION</b>		
Size	Bank 1	Bank 2
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.		

### DIMM VOLTAGE CONFIGURATION

Voltage	JP6
3.3v	Pins 5 & 6, 7 & 8 closed
5v	Pins 1 & 2, 3 & 4 closed

### CACHE CONFIGURATION

Size	Bank 0
512KB	(2) 64K x 32

### CPU SPEED SELECTION (CX 6X86)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
120MHz	50MHz	2x	2 & 3	2 & 3	2 & 3	2 & 3
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CX 6X86, CON'T)

CPU speed	Clock speed	Multiplier	JP12	JP13	JP14
120MHz	50MHz	2x	1 & 2	1 & 2	Open
150MHz	60MHz	2x	1 & 2	1 & 2	Open
166MHz	66MHz	2x	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
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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	JP12	JP13	JP14
150MHz	60MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
200MHz	75MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	75MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3
233MHz	75MHz	2.5x	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

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

CPU speed	Clock speed	Multiplier	JP12	JP13	JP14
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
200MHz	75MHz	2x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
233MHz	75MHz	2.5x	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CX M II)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (CX M II, CON'T)

CPU speed	Clock speed	Multiplier	JP12	JP13	JP14
300MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	1 & 2
166MHz	66MHz	2.5x	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	JP12	JP13	JP14
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open
120MHz	60MHz	2x	1 & 2	1 & 2	Open

133MHz	66MHz	2x	1 & 2	1 & 2	Open
166MHz	66MHz	2.5x	2 & 3	1 & 2	Open
Note: Pins designated should be in the closed position.					

<b>CPU SPEED SELECTION (AM K6)</b>						
CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2
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.						

<b>CPU SPEED SELECTION (AM K6, CON'T)</b>					
CPU speed	Clock speed	Multiplier	JP12	JP13	JP14
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
266MHz	66MHz	4x	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
300MHz	66MHz	4.5x	2 & 3	2 & 3	1 & 2, 3 & 4, 5 & 6
Note: Pins designated should be in the closed position.					

<b>CPU SPEED SELECTION (AM K6-2)</b>						
CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
266MHz	66MHz	4x	1 & 2	1 & 2	1 & 2	2 & 3
Note: Pins designated should be in the closed position.						

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

CPU speed	Clock speed	Multiplier	JP12	JP13	JP14
266MHz	66MHz	4x	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
75MHz	50MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2
90MHz	60MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
100MHz	66MHz	1.5x	2 & 3	1 & 2	1 & 2	1 & 2
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
180MHz	60MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL, CON'T)

CPU speed	Clock speed	Multiplier	JP12	JP13	JP14
75MHz	50MHz	1.5x	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	Open
120MHz	60MHz	2x	1 & 2	1 & 2	Open
133MHz	66MHz	2x	1 & 2	1 & 2	Open



150MHz	60MHz	2.5x	2 & 3	1 & 2	Open
166MHz	66MHz	2.5x	2 & 3	1 & 2	Open
180MHz	60MHz	3x	2 & 3	1 & 2	Open
200MHz	66MHz	3x	2 & 3	1 & 2	Open

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL MMX, CON'T)

CPU speed	Clock speed	Multiplier	JP12	JP13	JP14
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

### CPU VOLTAGE SELECTION

Voltage	JP5
2.8v	Pins 7 & 8 closed
2.9v	Pins 1 & 2, 7 & 8 closed
3.2v	Pins 5 & 6, 7 & 8 closed
3.3v	Pins 1 & 2, 5 & 6, 7 & 8 closed

3.5v

Pins 1 & 2, 3 & 4, 5 & 6, 7 & 8 closed