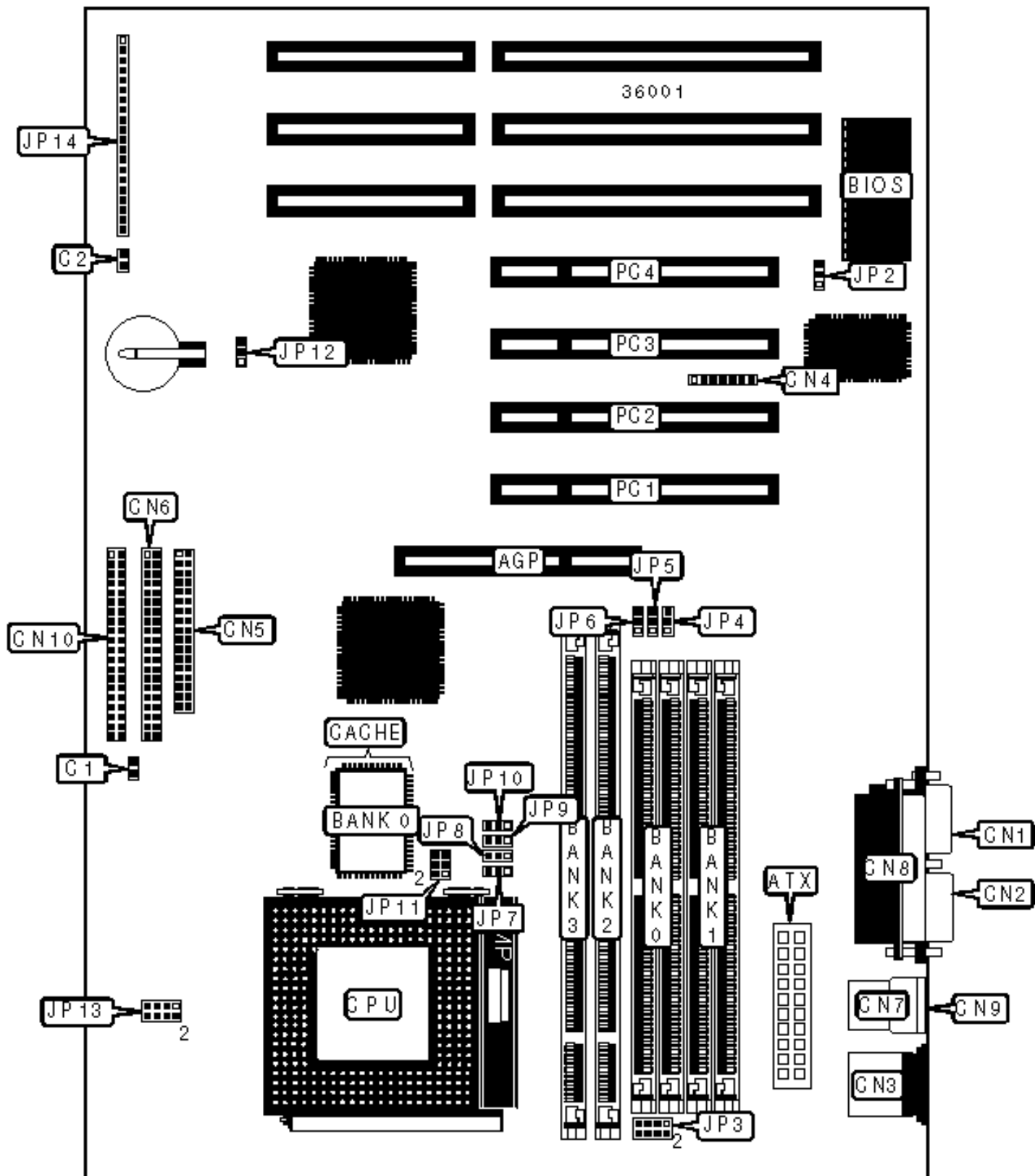


5AVP3

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Parallel port	CN8
ATX power connector	ATX	USB connector 2	CN9
Chassis fan power	C1	IDE interface 2	CN10
Turbo LED	C2	Power LED & keylock	JP14/pins 1 – 5
Serial port 2	CN1	Speaker	JP14/pins 7 – 10
Serial port 1	CN2	Reset switch	JP14/pins 12 & 13
PS/2 mouse port	CN3	Green PC LED	JP14/pins 15 & 16
IR connector	CN4	Green PC connector	JP14/pins 17 – 19
Floppy drive interface	CN5	IDE interface LED	JP14/pins 21 & 22
IDE interface 1	CN6	32-bit PCI slots	PC1 – PC4
USB connector 1	CN7		

USER CONFIGURABLE SETTINGS

Function	Label	Position
Flash BIOS voltage select 12v	JP2	Pins 2 & 3 closed
Flash BIOS voltage select 5v	JP2	Pins 1 & 2 closed
» CMOS memory normal operation	JP12	Pins 1 & 2 closed
CMOS memory clear	JP12	Pins 2 & 3 closed

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
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
Note: Board accepts EDO memory.		

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) 16M x 64	None
128MB	(1) 8M x 64	(1) 8M x 64
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64

DIMM VOLTAGE CONFIGURATION

Voltage	JP3
3.3v	Pins 5 & 6, 7 & 8 closed
5v	Pins 1 & 2, 3 & 4 closed

CACHE CONFIGURATION

Size	Bank 0
512KB	(1) 64K x 64

CPU SPEED SELECTION (CX 6X86L)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP7
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	JP8	JP9	JP10	JP11
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	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	JP4	JP5	JP6	JP7
166MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	2 & 3
166MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	2 & 3
200MHz	66MHz	2.5x	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	JP8	JP9	JP10	JP11
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
166MHz	60MHz	2.5x	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6

200MHz	66MHz	2.5x	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
233MHz	75MHz	2.5x	2 & 3	1 & 2	2 & 3	1 & 2, 3 & 4, 5 & 6
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CX M1)						
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP7
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 M1, CON'T)						
CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
120MHz	50MHz	2x	1 & 2	1 & 2	2 & 3	Open
150MHz	60MHz	2x	1 & 2	1 & 2	2 & 3	Open
166MHz	66MHz	2x	1 & 2	1 & 2	2 & 3	Open
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (CX MII)						
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP7
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 MII, CON'T)						
CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11

300MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	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	JP4	JP5	JP6	JP7
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	1.5x	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	JP8	JP9	JP10	JP11
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
120MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2	Open
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (AM K6)						
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP7
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.						

CPU SPEED SELECTION (AM K6, CON'T)						
CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
266MHz	66MHz	4x	1 & 2	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6
300MHz	66MHz	4.5x	2 & 3	2 & 3	1 & 2	1 & 2, 3 & 4, 5 & 6
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL)						
CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP7
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	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	1 & 2
Note: Pins designated should be in the closed position.						

CPU SPEED SELECTION (INTEL, CON'T)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP10	JP11
75MHz	50MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	Open
120MHz	60MHz	2x	1 & 2	1 & 2	1 & 2	Open
133MHz	66MHz	2x	1 & 2	1 & 2	1 & 2	Open
150MHz	60MHz	2.5x	2 & 3	1 & 2	1 & 2	Open
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2	Open
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	Open

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP4	JP5	JP6	JP7
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	JP8	JP9	JP10	JP11
166MHz	66MHz	2.5x	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
200MHz	66MHz	3x	2 & 3	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION

Voltage	JP13
2.1v	Pins 1 & 2 closed
2.2v	Pins 3 & 4 closed
2.7v	Pins 1 & 2, 3 & 4, 5 & 6 closed
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