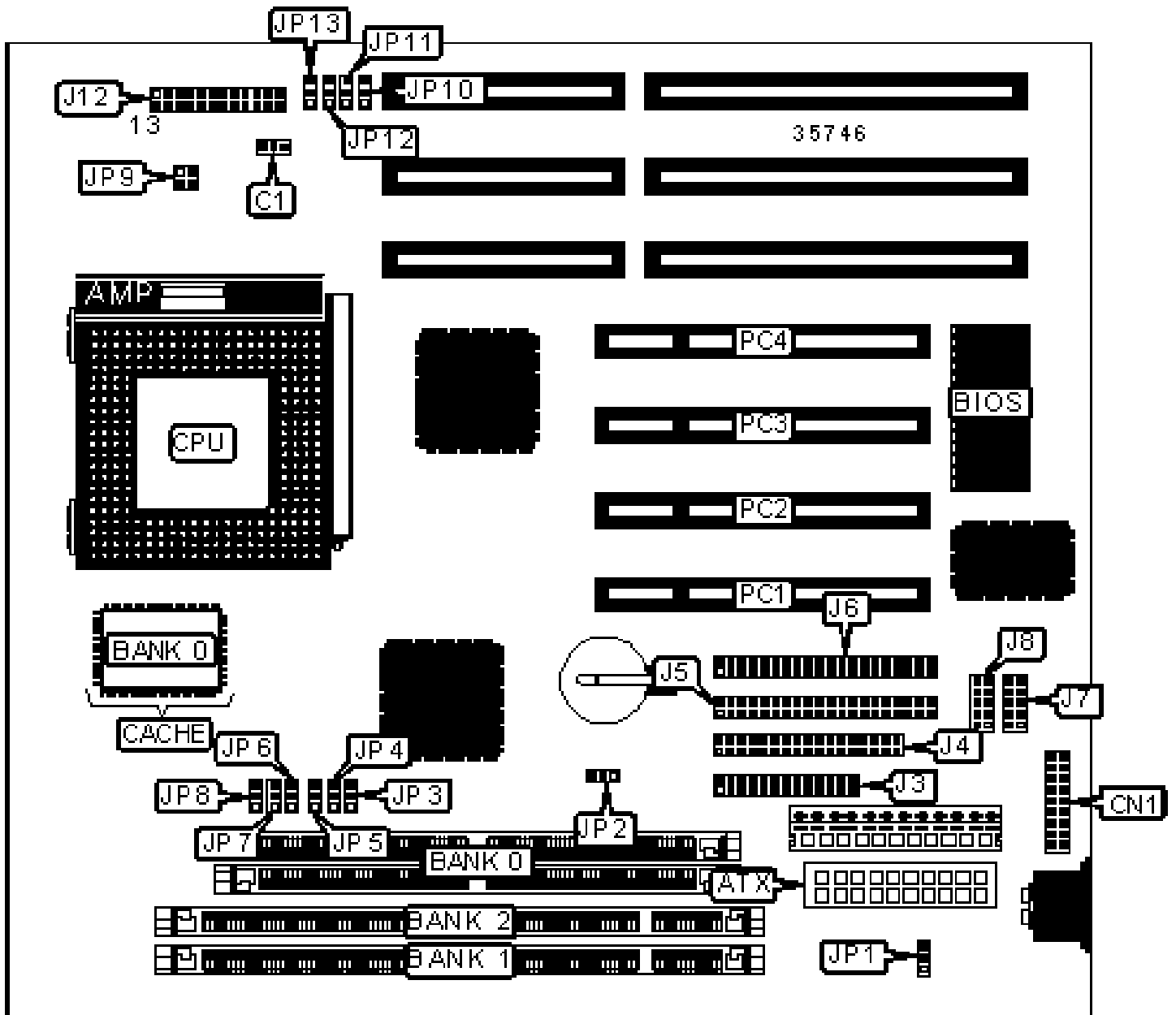


CHAINTECH COMPUTER COMPANY, LTD.

5TLM

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
ATX power connector	ATX	Power LED & keylock	J12/pins 1 – 5
Chassis fan power	C1	Speaker	J12/pins 7 – 10
USB, IR, PS/2 mouse	CN1	Soft off power supply	J12/pins 11 & 12
Parallel port	J3	Turbo LED	J12/pins 13 & 14
Floppy drive interface	J4	Green PC connector	J12/pins 16 & 17
IDE interface 2	J5	Green PC LED	J12/pins 18 & 19
IDE interface 1	J6	Reset switch	J12/pins 21 & 22
Serial port 2	J7	IDE interface LED	J12/pins 23 & 24
Serial port 1	J8	32-bit PCI slots	PC1 – PC4

## USER CONFIGURABLE SETTINGS

Function	Label	Position
Power supply select AT	JP1	Pins 1 & 2 closed
Power supply select ATX	JP1	Pins 2 & 3 closed
» CMOS memory normal operation	JP2	Pins 1 & 2 closed
CMOS memory clear	JP2	Pins 2 & 3 closed
» Factory configured - do not alter	JP9	Unidentified

## 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

Note: Board accepts EDO memory.

### DIMM CONFIGURATION

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

### DIMM CONFIGURATION (CON'T)

Size	Bank 1	Bank 2
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
Note: Board accepts SDRAM memory.		

<b>CACHE CONFIGURATION</b>	
Size	Bank 0
512KB	(1) 64K x 64

<b>CPU SPEED SELECTION (CX 6X86)</b>								
CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6	JP7	JP8
150MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

<b>CPU SPEED SELECTION (CX 6X86L)</b>								
CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6	JP7	JP8
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

<b>CPU SPEED SELECTION (CX 6X86MX)</b>								
CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6	JP7	JP8
166MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	75MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

### CPU SPEED SELECTION (AM K5)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6	JP7	JP8
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	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	JP3	JP4	JP5	JP6	JP7	JP8
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6	JP7	JP8
90MHz	60MHz	1.5x	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2

200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
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Note: Pins designated should be in the closed position.

### CPU SPEED SELECTION (INTEL MMX)

CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP6	JP7	JP8
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
233MHz	66MHz	3.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

### CPU VOLTAGE SELECTION

Voltage	JP10	JP11	JP12	JP13
2.2v	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
2.8v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
2.9v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
3.2v	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
3.3v	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
3.5v	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed