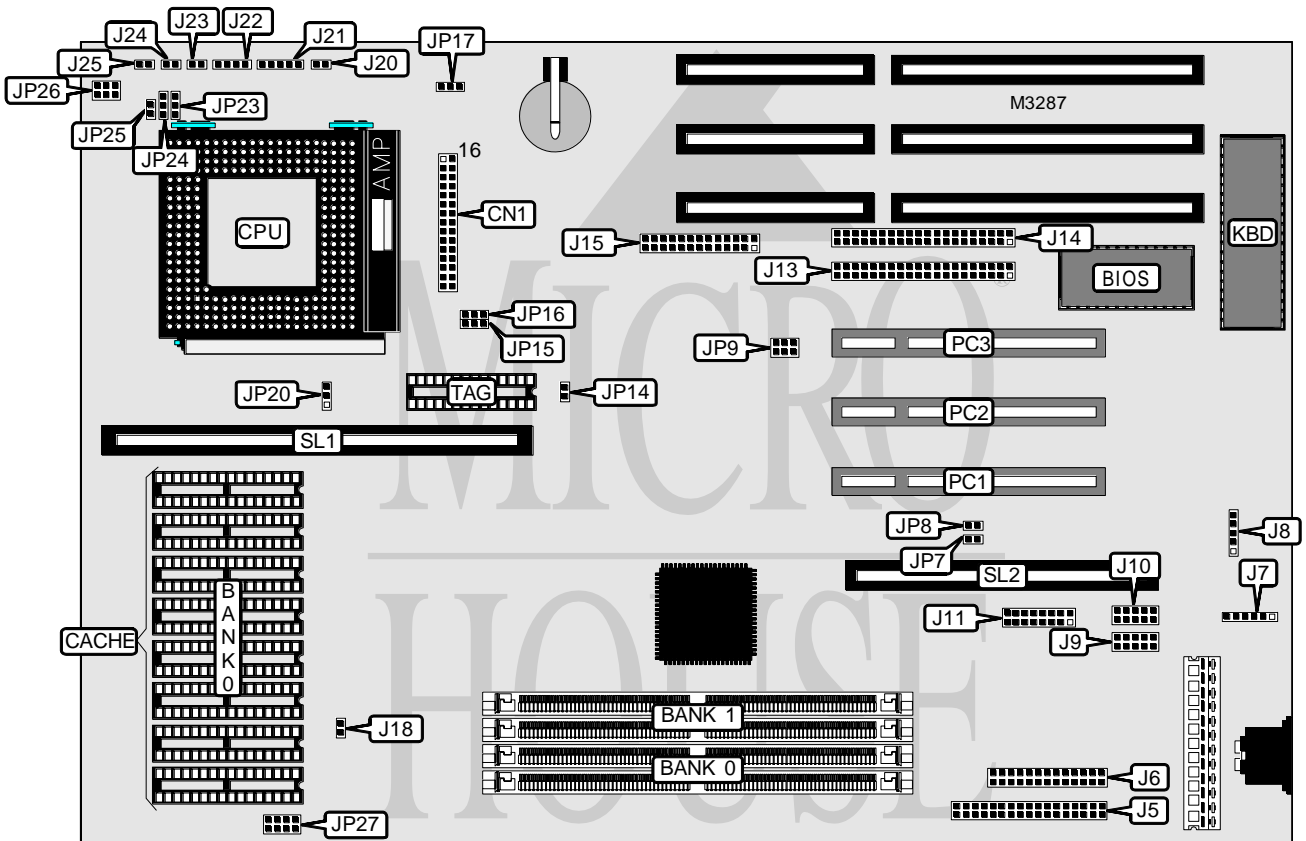


# CHAINTECH COMPUTER COMPANY, LTD.

## 5 S B A

<b>Processor</b>	Pentium
<b>Processor Speed</b>	75/90/100/120/133/150MHz
<b>Chip Set</b>	SIS
<b>Maximum Onboard Memory</b>	128MB
<b>Cache</b>	256/512/1024KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 220mm
<b>I/O Options</b>	32-bit PCI slots (3), floppy drive interface, game/MIDI port, green PC connector, IDE interfaces (2), parallel port, serial ports (2), VESA feature connector, VRM connector, cache slot, MediaBus slot, IR connector
<b>NPU Options</b>	None



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CONNECTIONS			
Function	Label	Function	Label
VRM connector	CN1	Green PC LED	J18
Floppy drive interface	J5	IDE interface LED	J20
Parallel port	J6	Power LED & keylock	J21
IR connector	J7	Speaker	J22
Digital volume control connector	J8	Reset switch	J23
Serial port 2	J9	Turbo LED	J24
Serial port 1	J10	Turbo switch	J25
Game/MIDI port	J11	Green PC connector	JP14
IDE interface 1	J13	32-bit PCI slots	PC1 - PC3
IDE interface 2	J14	Cache slot	SL1
VGA feature connector	J15	MediaBus connector	SL2

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í CMOS memory normal operation	JP17	Pins 1 & 2 closed
CMOS memory clear	JP17	Pins 2 & 3 closed
í Jumper information unavailable	JP23	N/A

DRAM		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	None
2MB	None	(2) 512K x 36
4MB	(2) 512K x 36	None
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 1M x 36	None
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K x 36
20MB	(2) 512K x 36	(2) 2M x 36

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DRAM (CON'T)		
Size	Bank 0	Bank 1
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36

Note: Board accepts EDO & FP memory.

CACHE SIZE			
Size	Bank 0	TAG	SL1
256KB (A)	(8) 32K x 8	(1) 8K x 8	Not installed
256KB (B)	None	None	Installed
512KB (A)	(8) 64K x 8	(1) 32K x 8	Not installed
512KB (B)	None	None	Installed
1MB	(8) 128K x 8	(1) 32K x 8	Not installed

CACHE JUMPER		
Size	JP15	JP16
256KB (A)	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB (A)	Pins 1 & 2 closed	Pins 2 & 3 closed
1MB	Pins 2 & 3 closed	Pins 2 & 3 closed

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CACHE VOLTAGE	
Setting	JP27
Mixed voltage	Pins 1 & 2, 3 & 4 closed
3.3v	Pins 5 & 6, 7 & 8 closed

Note: The location of pin 1 is unidentified.

CACHE TYPE	
Setting	JP20
Asynchronous	Pins 1 & 2 closed
Pipeline burst	Pins 2 & 3 closed

CPU SPEED		
Setting	JP9	JP26
75MHz	Pins 1 & 2, 3 & 4 closed	Pins 1 & 2 closed
90MHz (3.3v)	Pins 3 & 4 closed	Pins 1 & 2 closed
90MHz (3.4v)	Pins 3 & 4 closed	Pins 3 & 4 closed
90MHz (3.5v)	Pins 3 & 4 closed	Pins 5 & 6 closed
100MHz	Pins 3 & 4 closed	Pins 5 & 6 closed
120MHz	Pins 3 & 4 closed	Pins 5 & 6 closed
133MHz	Open	Pins 5 & 6 closed
150MHz	Pins 3 & 4 closed	Pins 5 & 6 closed

CPU MULTIPLIER		
Setting	JP24	JP25
1.5x	Pins 1 & 2 closed	Open
2x	Pins 2 & 3 closed	Open
2.5x	Pins 2 & 3 closed	Closed
3x	Pins 1 & 2 closed	Closed

CPU VOLTAGE	
Setting	CN1
í Normal CPU	Pins 6 & 7, 21 & 22 closed
High frequency CPU	VRM installed

ON BOARD VIDEO		
Setting	JP7	JP8
Enabled	Closed	Closed
Disabled	Open	Open