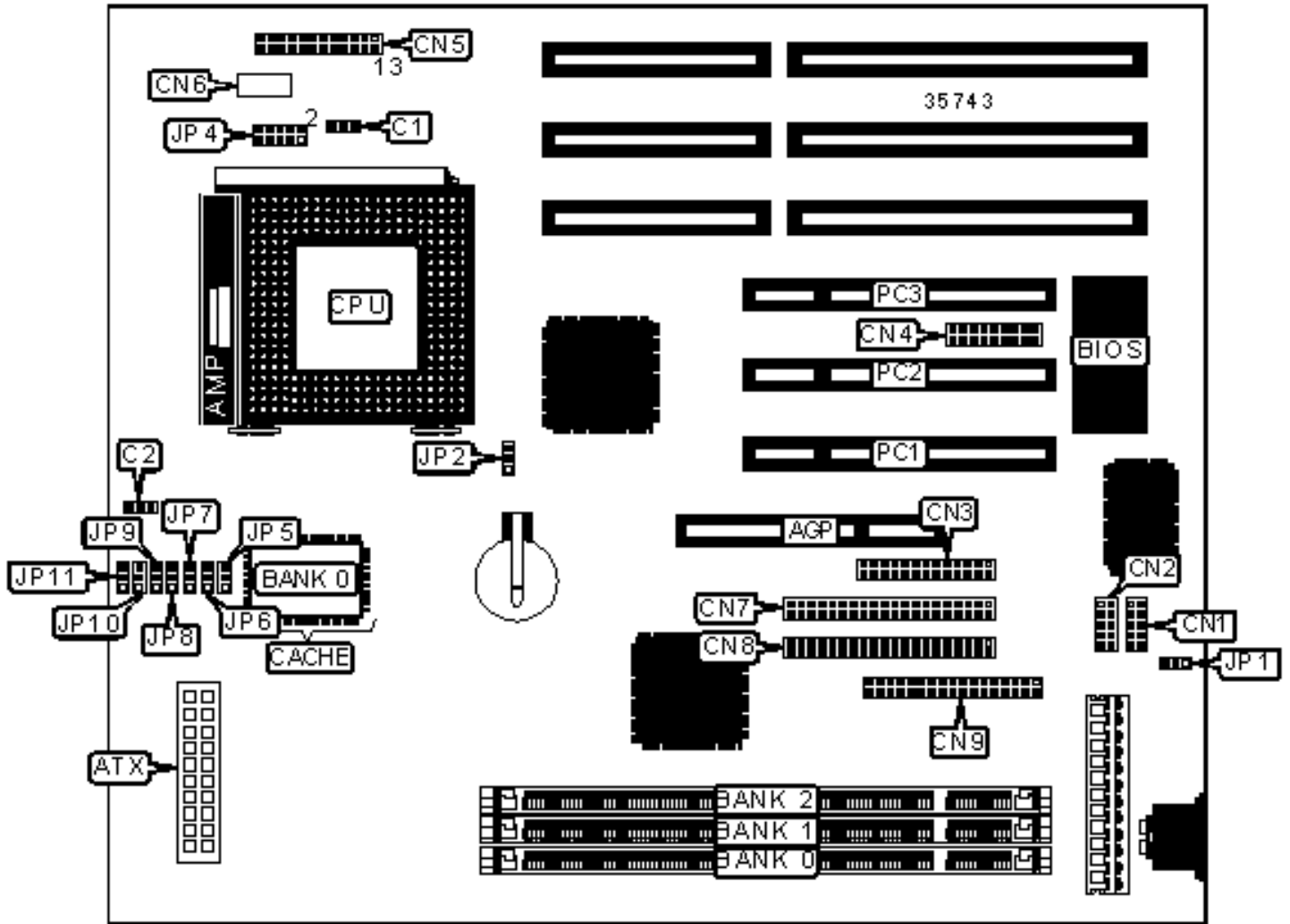


CHAINTECH COMPUTER COMPANY, LTD.

CT-5AGM2

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Turbo LED	CN5/pins 13 & 14
ATX power connector	ATX	Green PC connector	CN5/pins 16 & 17
CPU fan power	C1	Green PC LED	CN5/pins 18 & 19
Chassis fan power	C2	Reset switch	CN5/pins 21 & 22
Serial port 2	CN1	IDE interface LED	CN5/pins 23 & 24
Serial port 1	CN2	Fan 78 connector	CN6
Parallel port	CN3	IDE interface 2	CN7
USB, IR, PS/2 mouse	CN4	IDE interface 1	CN8
Power LED & keylock	CN5/pins 1 – 5	Floppy drive interface	CN9
Speaker	CN5/pins 7 – 10	32-bit PCI slots	PC1 – PC3
Soft off power supply	CN5/pins 11 & 12		

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

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
144MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64
152MB	(1) 16M x 64	(1) 2M 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
168MB	(1) 16M x 64	(1) 4M x 64	(1) 1M x 64
176MB	(1) 16M x 64	(1) 4M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 4M 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.			

DIMM FREQUENCY CONFIGURATION

Frequency		JP11
»	Runs at CPU clock	Pins 1 & 2 closed
	Runs at AGP clock	Pins 2 & 3 closed

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

CPU SPEED SELECTION (CX 6X86)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86L)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86L)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX 6X86MX)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
233MHz	75MHz	2.5x	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (IBM 6X86MX)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
200MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	75MHz	2x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
233MHz	75MHz	2.5x	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
233MHz	83MHz	2x	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (CX MII)

CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
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300MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
300MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IBM MII)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
300MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
300MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (IDT C6)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
225MHz	75MHz	3x	1 & 2	1 & 2	2 & 3	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	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (AM K6)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2

266MHz	66MHz	4x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	2 & 3	2 & 3	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	JP5	JP6	JP7	JP8	JP9	JP10
266MHz	66MHz	4x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	100MHz	3x	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3	1 & 2
Note: Pins designated should be in the closed position.								

CPU SPEED SELECTION (INTEL)								
CPU speed	Clock speed	Multiplier	JP5	JP6	JP7	JP8	JP9	JP10
133MHz	66MHz	2x	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	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	JP5	JP6	JP7	JP8	JP9	JP10
166MHz	66MHz	2.5x	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	2 & 3	1 & 2	2 & 3	1 & 2
233MHz	66MHz	3.5x	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
Note: Pins designated should be in the closed position.								

CPU VOLTAGE SELECTION	
Voltage	JP4

2.2v	Pins 3 & 4 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