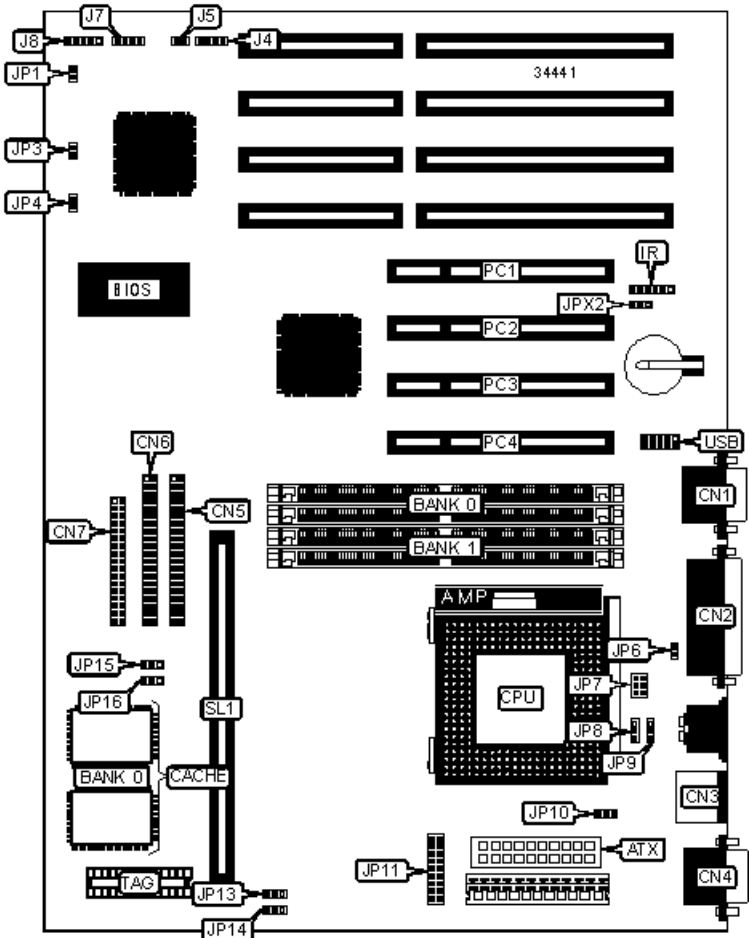


CHAINTECH COMPUTER COMPANY, LTD.

5HTM0.1

Processor	AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	305mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), cache slot, IR connector, USB connector, ATX power connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	Reset switch	J5

Serial port 2	CN1	Speaker	J7
Parallel port	CN2	Power LED & keylock	J8
PS/2 mouse port	CN3	Green PC LED	JP1
Serial port 1	CN4	Soft off power supply	JP3
IDE interface 2	CN5	Green PC connector	JP4
IDE interface 1	CN6	Chassis fan power	JP10
Floppy drive interface	CN7	32-bit PCI slots	PC1 – PC4
IR connector	IR	Cache slot	SL1
IDE interface LED	J4	USB connector	USB

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	Keyboard grounding EMI radiation increased	JP6	Closed
	Keyboard grounding EMI radiation decreased	JP6	Open
»	CMOS memory normal operation	JPX2	Pins 2 & 3 closed
	CMOS memory clear	JPX2	Pins 1 & 2 closed

DRAM 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. Board also accepts x 32 SIMMs. Banks are interchangeable.

CACHE CONFIGURATION

Size	Bank 0	SL1	TAG
256KB (A)	(2) 32K x 32	Not installed	(1) 32K x 8
256KB (B)	(2) 32K x 32	Not installed	(1) 32K x 8
512KB (A)	(2) 32K x 32	256KB module installed	(1) 32K x 8
512KB (B)	(2) 32K x 32	256KB module installed	(1) 32K x 8
512KB (C)	(2) 64K x 32	Not installed	(1) 8K x 8

CACHE JUMPER CONFIGURATION

Size	JP15	JP16
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256KB (A)	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB (B)	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB (A)	Pins 2 & 3 closed	Pins 2 & 3 closed
512KB (B)	Pins 2 & 3 closed	Pins 2 & 3 closed
512KB (C)	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED SELECTION (AMD)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP13	JP14
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	2 & 3	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (INTEL)

CPU speed	Clock speed	Multiplier	JP8	JP9	JP13	JP14
75MHz	50MHz	1.5x	2 & 3	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	2 & 3	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	2 & 3	2 & 3	1 & 2	2 & 3
120MHz	60MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	2 & 3
150MHz	60MHz	2.5x	1 & 2	1 & 2	2 & 3	1 & 2
166MHz	66MHz	2.5x	1 & 2	1 & 2	1 & 2	2 & 3
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)

Voltage	JP7	JP11
3.3v	1 & 2, 3 & 4, 5 & 6, 7 & 8	11 & 12, 13 & 14
3.4v	1 & 2, 3 & 4, 5 & 6, 7 & 8	11 & 12, 15 & 16
3.5v	1 & 2, 3 & 4, 5 & 6, 7 & 8	11 & 12, 17 & 18

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (DUAL)			
Voltage	V core	JP7	JP11
3.3v	2.5v	Open	1 & 2, 9 & 10, 13 & 14
3.3v	2.7v	Open	3 & 4, 9 & 10, 13 & 14
3.3v	2.8v	Open	5 & 6, 9 & 10, 13 & 14
3.3v	2.9v	Open	7 & 8, 9 & 10, 13 & 14
3.4v	2.5v	Open	1 & 2, 9 & 10, 15 & 16
3.4v	2.7v	Open	3 & 4, 9 & 10, 15 & 16
3.4v	2.8v	Open	5 & 6, 9 & 10, 15 & 16
3.4v	2.9v	Open	7 & 8, 9 & 10, 15 & 16
3.5v	2.5v	Open	1 & 2, 9 & 10, 17 & 18
3.5v	2.7v	Open	3 & 4, 9 & 10, 17 & 18
3.5v	2.8v	Open	5 & 6, 9 & 10, 17 & 18
3.5v	2.9v	Open	7 & 8, 9 & 10, 17 & 18