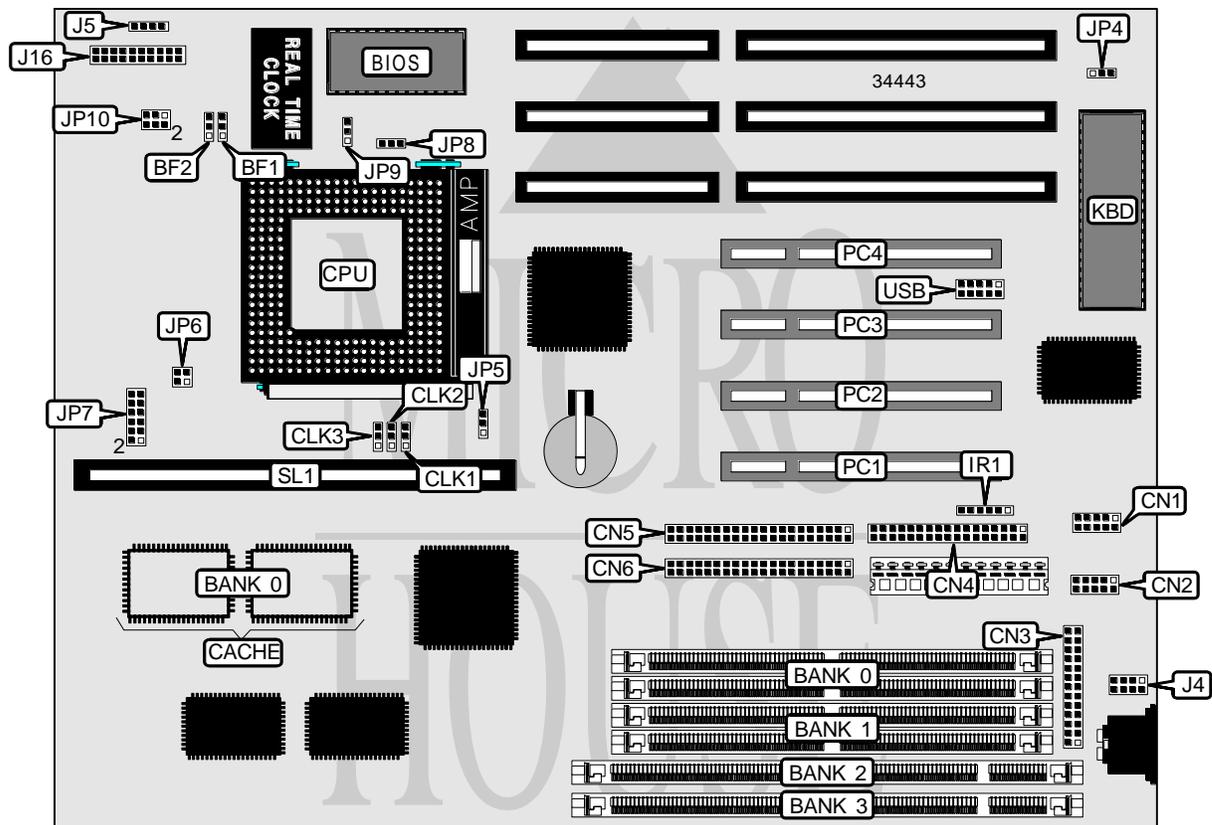


CHANTECH COMPUTER COMPANY, LTD.

5 I G M 1 . 1

Processor	CX M1/AM K5/Pentium
Processor Speed	75/90/100/120/133/150/166/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB
BIOS	Award
Dimensions	270mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), cache slot, IR connector, USB connector
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	Speaker	J16/pins 7 - 10
Serial port 2	CN2	Turbo LED	J16/pins 11 & 12
Parallel port	CN3	Green PC connector	J16/pins 14 & 15
Floppy drive interface	CN4	Green PC LED	J16/pins 16 & 17
IDE interface 2	CN5	Reset switch	J16/pins 19 & 20
IDE interface 1	CN6	Chassis fan power	JP8
IR connector	IR1	32-bit PCI slots	PC1 – PC4
PS/2 mouse interface	J4	Cache slot	SL1
IDE interface LED	J5	USB connector	USB
Power LED & keylock	J16/pins 1 - 5		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Password enabled	JP4	Pins 1 & 2 closed
Password disabled	JP4	Pins 2 & 3 closed
í CMOS memory normal operation	JP9	Pins 1 & 2 closed
CMOS memory clear	JP9	Pins 2 & 3 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

Note: Board accepts EDO memory. Board also accepts x 32 SIMMs. Banks are interchangeable.

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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) 8M x 64	(1) 8M x 64

CACHE CONFIGURATION		
Size	Bank 0	SL1
256KB	(2) 32K x 32	Not installed
512KB (A)	(2) 32K x 32	256KB module installed
512KB (B)	(4) 64K x 8	Not installed

CACHE JUMPER CONFIGURATION	
Size	JP5
256KB	Pins 2 & 3 closed
512KB (A)	Pins 1 & 2 closed
512KB (B)	Pins 1 & 2 closed

CPU SPEED SELECTION (CYRIX)							
CPU speed	Clock speed	Multiplier	BF1	BF2	CLK1	CLK2	CLK3
120MHz	50MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
133MHz	55MHz	2x	2 & 3	1 & 2	2 & 3	1 & 2	2 & 3
150MHz	60MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED SELECTION (AMD)							
CPU speed	Clock speed	Multiplier	BF1	BF2	CLK1	CLK2	CLK3
75MHz	50MHz	1.5x	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	1.5x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
133MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION (INTEL)							
CPU speed	Clock speed	Multiplier	BF1	BF2	CLK1	CLK2	CLK3
75MHz	50MHz	1.5x	1 & 2	1 & 2	2 & 3	1 & 2	1 & 2
90MHz	60MHz	1.5x	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
100MHz	66MHz	1.5x	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
120MHz	60MHz	2x	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2
133MHz	66MHz	2x	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
150MHz	60MHz	2.5x	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
166MHz	66MHz	2.5x	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
200MHz	66MHz	3x	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION (SINGLE)			
Voltage	JP6	JP7	JP10
3.3v	Pins 1 & 3, 2 & 4 closed	Pins 1 & 2 closed	Pins 1 & 2 closed
3.4v	Pins 1 & 3, 2 & 4 closed	Pins 1 & 2 closed	Pins 3 & 4 closed
3.5v	Pins 1 & 3, 2 & 4 closed	Pins 1 & 2 closed	Pins 5 & 6 closed

CPU VOLTAGE SELECTION (DUAL)				
Voltage	V core	JP6	JP7	JP10
3.3v	2.5v	Open	3 & 4, 5 & 6	1 & 2
3.3v	2.7v	Open	3 & 4, 7 & 8	1 & 2
3.3v	2.8v	Open	3 & 4, 9 & 10	1 & 2
3.3v	2.9v	Open	3 & 4, 11 & 12	1 & 2

Note: Pins designated should be in the closed position.