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5 H T M 0 . 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
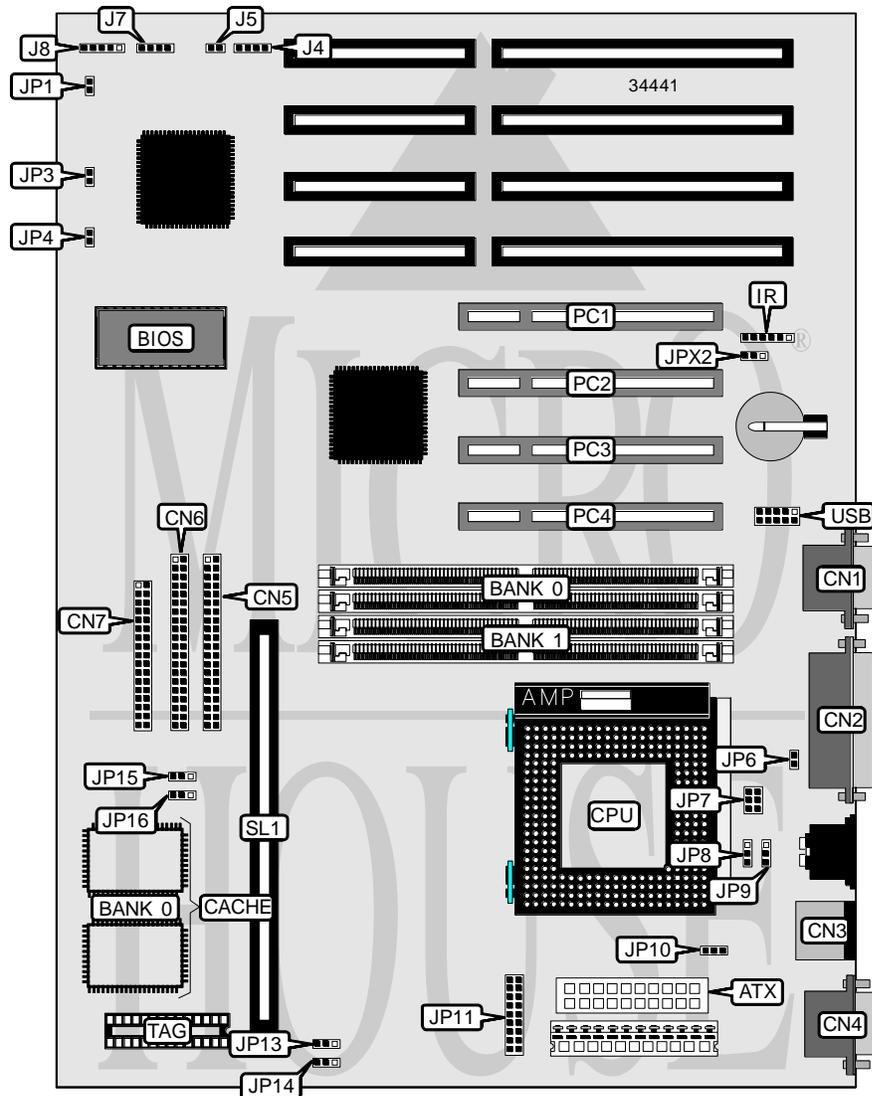
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
ATX power connector	ATX	Reset switch	J5
Serial port 2	CN1	Speaker	J7
Parallel port	CN2	Power LED & keylock	J8
PS/2 mouse port	CN3	Green PC LED	JP1
Serial port 1	CN4	Soft off power supply	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**
í Keyboard grounding EMI radiation increased	JP6	Closed
Keyboard grounding EMI radiation decreased	JP6	Open
í 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.		

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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**
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.		

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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