AMPTRON INTERNATIONAL, INC.
P M - 7 5 0 0

Processor	Pentium
Processor Speed	75/90/100/120/133MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None
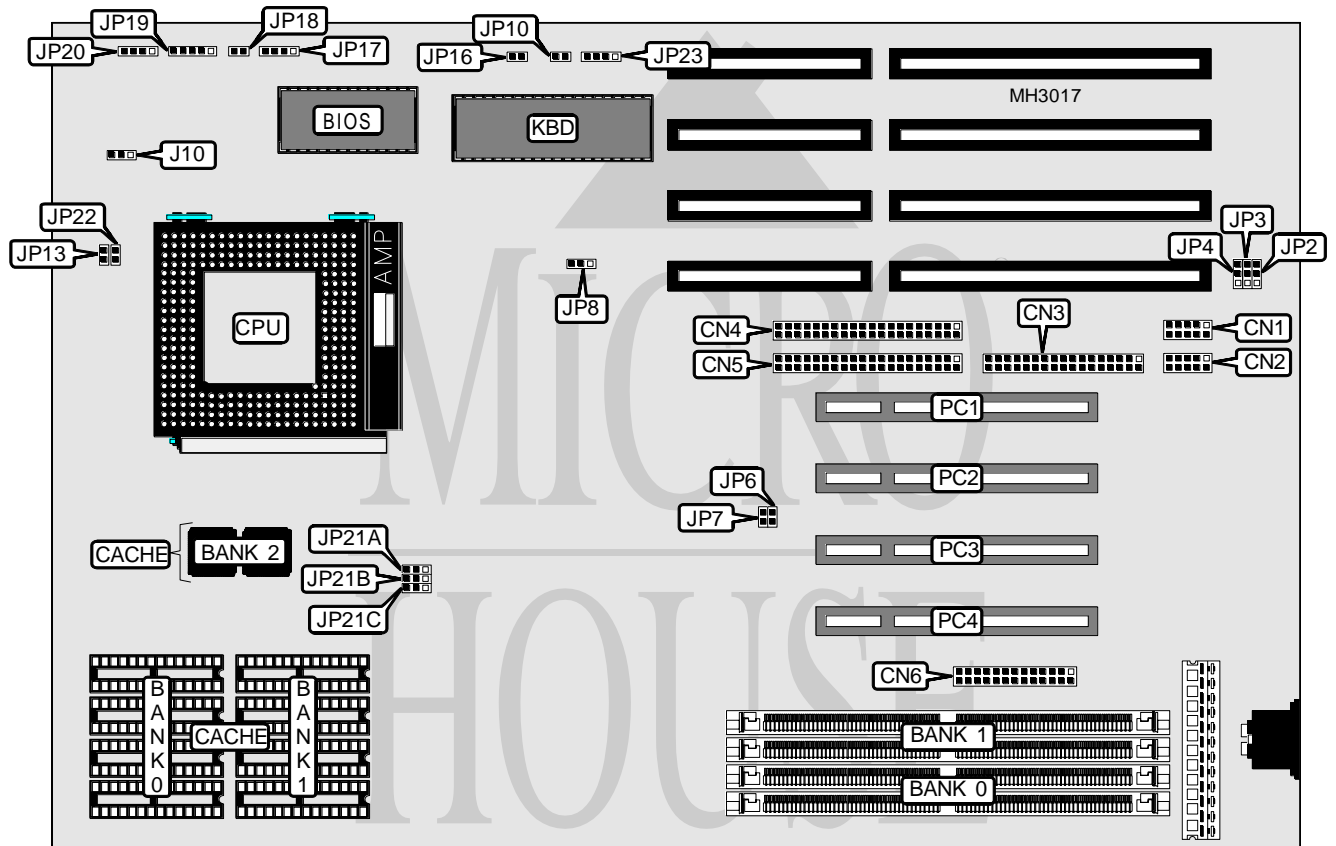
CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 2	CN1	IDE interface LED	JP17
Serial port 1	CN2	Reset switch	JP18
Floppy drive interface	CN3	Power LED & keylock	JP19
IDE interface 2	CN4	Speaker	JP20
IDE interface 1	CN5	External battery	JP23
Parallel port	CN6	32-bit PCI slots	PC1 - PC4

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP10	Open
CMOS memory clear	JP10	Closed
í BIOS type select 5v EPROM	JP16	Open
BIOS type select 12v flash	JP16	Closed
í Battery type select internal	JP23	pins 2 & 3 closed
Battery type select external	JP23	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
8MB	(2) 1M x 36	NONE
8MB	NONE	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	NONE	(2) 2M x 36
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	NONE
32MB	NONE	(2) 4M x 36
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 1M x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 2M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	NONE
64MB	NONE	(2) 8M x 36
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 1M x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 2M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 4M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
256KB	(4) 32K x 8	(4) 32K x 8	Not installed
256KB	NONE	NONE	Installed
512KB	(4) 64K x 8	(4) 64K x 8	Not installed
Note: If board has cache installed in Bank 2, do not install any cache in Banks 0 & 1. Bank 2 will be factory installed and is not configurable.			

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CACHE JUMPER CONFIGURATION	
Size	JP8
256KB	pins 2 & 3 closed
512KB	pins 1 & 2 closed

CACHE VOLTAGE CONFIGURATION			
Voltage	JP21A	JP21B	JP21C
3.3v	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
5v	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

CPU CLOCK SPEED CONFIGURATION			
Speed	JP4	JP6	JP7
50MHz	pins 1 & 2 closed	Closed	Closed
60MHz	pins 2 & 3 closed	Open	Closed
66MHz	pins 2 & 3 closed	Closed	Open

CPU INTERNAL CLOCK SPEED CONFIGURATION		
Speed	JP13	JP22
1.5x	Open	Open
2x	Closed	Open
2.5x	Closed	Closed
3x	Open	Closed

CPU VOLTAGE CONFIGURATION	
Voltage	J10
3.3v	pins 2 & 3 closed
3.5v	pins 1 & 2 closed

DMA CONFIGURATION		
DMA	JP2	JP3
DMA 1	pins 1 & 2 closed	pins 1 & 2 closed
DMA 3	pins 2 & 3 closed	pins 2 & 3 closed