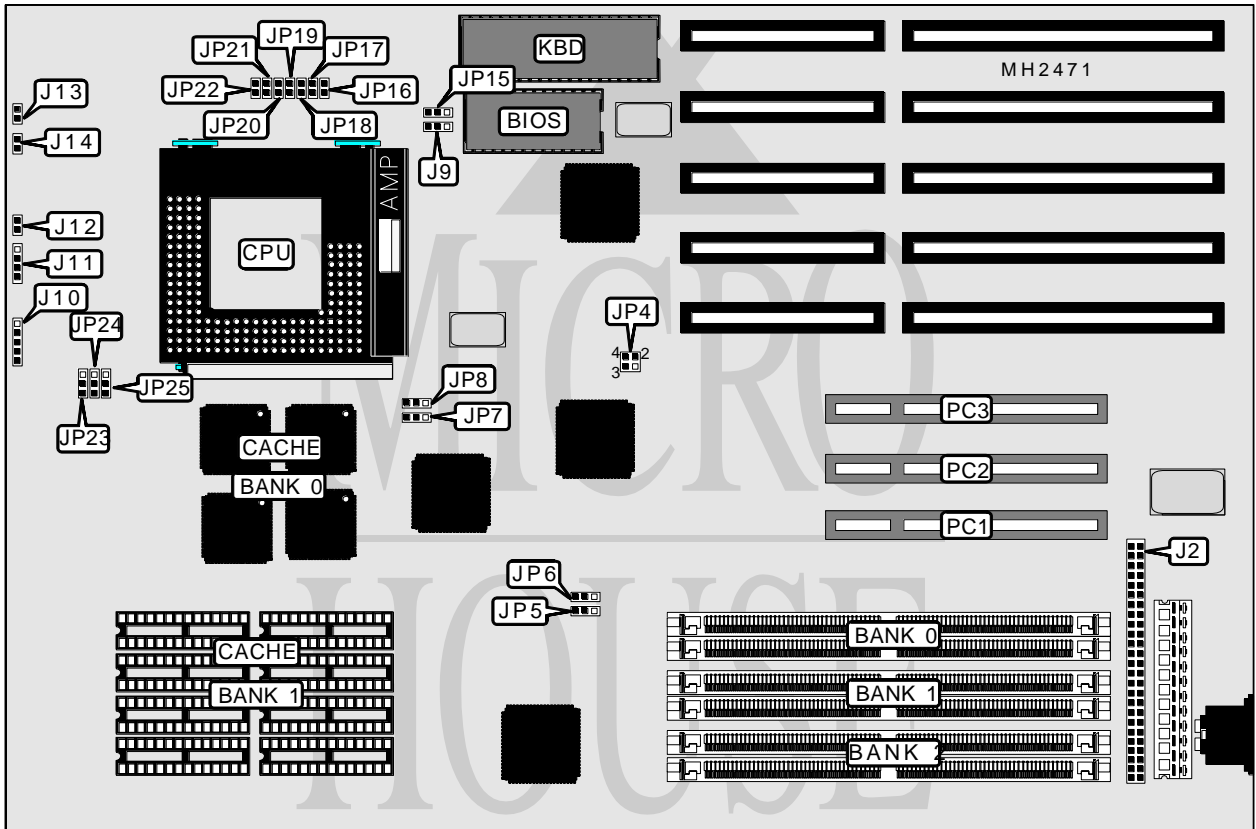


# MODULAR CIRCUIT TECHNOLOGY

## MCT-M586-60/66

<b>Processor</b>	Pentium
<b>Processor Speed</b>	50/60/66MHz
<b>Chip Set</b>	Intel
<b>Max. Onboard DRAM</b>	192MB
<b>Cache</b>	256/512KB
<b>BIOS</b>	Award
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	32-bit PCI slots (3)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
SCSI	J2	Turbo LED	J13
Keylock	J10	SCSI LED	J14
Speaker	J11	32-bit PCI slots	PCI1-PCI3
Reset switch	J12		

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## MODULAR CIRCUIT TECHNOLOGY

## MCT - M586 - 60/66

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Level 2 cache parity disabled	JP4	pins 1 & 2, 3 & 4 closed
Level 2 cache parity enabled	JP4	pins 1 & 3, 2 & 4 closed
í Monitor type select color	J9	pins 2 & 3 closed
Monitor type select monochrome	J9	pins 1 & 2 closed
í BIOS type select EPROM	JP15	pins 1 & 2 closed
BIOS type select flash BIOS	JP15	pins 2 & 3 closed
í Monitor CPU parity check disabled	JP20	Open
Monitor CPU parity check enabled	JP20	Closed
í CPU cache mode select write back	JP22	Open
CPU cache mode select write through	JP22	Closed
Factory configured - do not alter	JP16	N/A
Factory configured - do not alter	JP21	N/A

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
2MB	(2) 256K x 36	NONE	NONE
4MB	(2) 256K x 36	(2) 256K x 36	NONE
6MB	(2) 256K x 36	(2) 256K x 36	(2) 256K x 36
8MB	(2) 1M x 36	NONE	NONE
10MB	(2) 1M x 36	(2) 256K x 36	NONE
12MB	(2) 1M x 36	(2) 256K x 36	(2) 256K x 36
14MB	(2) 1M x 36	(2) 512K x 36	(2) 256K x 36
16MB	(2) 1M x 36	(2) 1M x 36	NONE
18MB	(2) 1M x 36	(2) 1M x 36	(2) 256K x 36
20MB	(2) 1M x 36	(2) 1M x 36	(2) 512K x 36
22MB	(2) 2M x 36	(2) 512K x 36	(2) 256K x 36
24MB	(2) 2M x 36	(2) 1M x 36	NONE
26MB	(2) 2M x 36	(2) 1M x 36	(2) 256K x 36
28MB	(2) 2M x 36	(2) 1M x 36	(2) 512K x 36
32MB	(2) 4M x 36	NONE	NONE
34MB	(2) 4M x 36	(2) 256K x 36	NONE
36MB	(2) 4M x 36	(2) 256K x 36	(2) 256K x 36
38MB	(2) 4M x 36	(2) 512 x 36	(2) 256 x 36
40MB	(2) 4M x 36	(2) 1M x 36	NONE
42MB	(2) 4M x 36	(2) 1M x 36	(2) 256K x 36
44MB	(2) 4M x 36	(2) 1M x 36	(2) 512 x 36
48MB	(2) 4M x 36	(2) 2M x 36	NONE
50MB	(2) 4M x 36	(2) 2M x 36	(2) 256K x 36
52MB	(2) 4M x 36	(2) 2M x 36	(2) 512K x 36
56MB	(2) 4M x 36	(2) 2M x 36	(2) 1M x 36
64MB	(2) 8M x 36	NONE	NONE
66MB	(2) 8M x 36	(2) 256K x 36	NONE
68MB	(2) 8M x 36	(2) 256K x 36	(2) 256K x 36
70MB	(2) 8M x 36	(2) 512K x 36	(2) 256K x 36

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## MODULAR CIRCUIT TECHNOLOGY

## MCT-M586-60/66

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DRAM CONFIGURATION CON'T			
Size	Bank 0	Bank 1	Bank 2
72MB	(2) 8M x 36	(2) 1M x 36	NONE
74MB	(2) 8M x 36	(2) 1M x 36	(2) 256K x 36
76MB	(2) 8M x 36	(2) 1M x 36	(2) 512K x 36
80MB	(2) 8M x 36	(2) 2M x 36	NONE
82MB	(2) 8M x 36	(2) 2M x 36	(2) 256K x 36
84MB	(2) 8M x 36	(2) 2M x 36	(2) 512K x 36
88MB	(2) 8M x 36	(2) 2M x 36	(2) 1M x 36
96MB	(2) 8M x 36	(2) 2M x 36	(2) 2M x 36
98MB	(2) 8M x 36	(2) 4M x 36	(2) 256K x 36
100MB	(2) 8M x 36	(2) 4M x 36	(2) 512K x 36
104MB	(2) 8M x 36	(2) 4M x 36	(2) 1M x 36
112MB	(2) 8M x 36	(2) 4M x 36	(2) 2M x 36
128MB	(2) 8M x 36	(2) 4M x 36	(2) 4M x 36
130MB	(2) 8M x 36	(2) 8M x 36	(2) 256K x 36
132MB	(2) 8M x 36	(2) 8M x 36	(2) 512K x 36
136MB	(2) 8M x 36	(2) 8M x 36	(2) 1M x 36
144MB	(2) 8M x 36	(2) 8M x 36	(2) 2M x 36
160MB	(2) 8M x 36	(2) 8M x 36	(2) 4M x 36
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(4) 64K x 8	NONE
512KB	NONE	(8) 64K x 8

Note: Never use bank 0 and bank 1 at the same time. This will result in system failure.

PLCC CACHE CONFIGURATION				
Mode	JP5	JP6	JP7	JP8
í Burst	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
Non-burst	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

CACHE JUMPER CONFIGURATION			
Size	JP23	JP24	JP25
í 256KB w/standard non-burst SRAM	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB w/burst SRAM	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
512KB w/standard non-burst SRAM	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
512KB w/burst SRAM	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
Not Installed	pins 1 & 2 closed	pins 1 & 2 closed	Open

CPU SPEED CONFIGURATION			
Speed	JP17	JP18	JP19
í 60MHz	Open	pins 1 & 2 closed	Open
50MHz	pins 1 & 2 closed	Open	Open
66MHz	pins 1 & 2 closed	Open	pins 1 & 2 closed