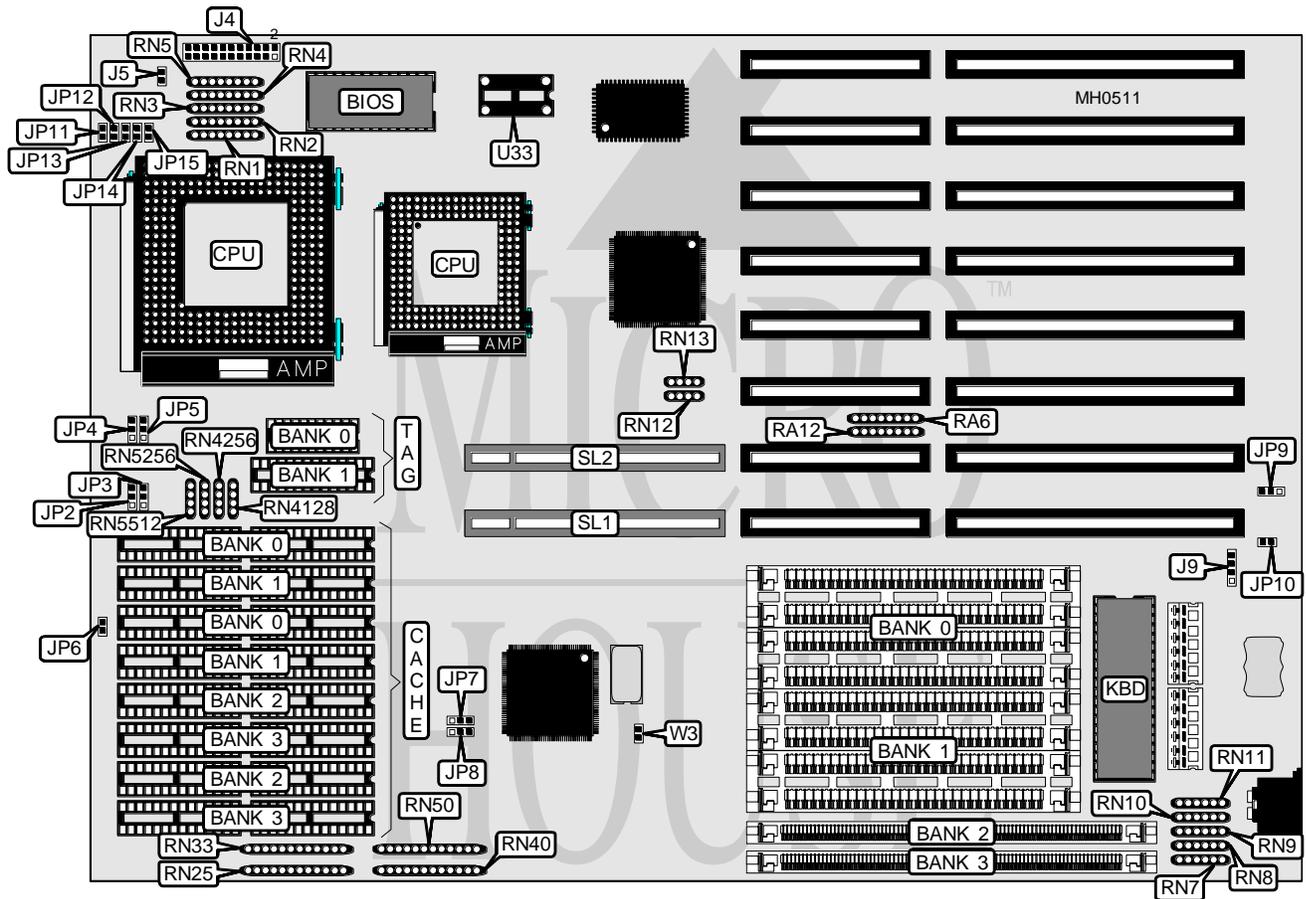


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PAT45PV

Processor	CX486M6/80486SX/80487SX/80486DX/80486DX2/Pentium Overdrive/Pentium /P5T Overdrive
Processor Speed	33/40/50/60/66(internal)/66MHz
Chip Set	Unidentified
Max. Onboard DRAM	128MB
Cache	128/256/512KB
BIOS	Unidentified
Dimensions	370mm x 280mm
I/O Options	32-bit VESA local bus slots (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J4 pins 11 - 15	Hard drive LED to case	J4 pins 10 & 20
Speaker	J4 pins 1 - 4	Hard drive LED from interface	J5
Turbo LED	J4 pins 8 & 18	External battery	J9
Reset switch	J4 pins 9 & 19	32-bit VESA local bus slots	SL1 & SL2

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Resistor	Position
í CMOS memory normal operation	JP9 pins 1 & 2	Closed
CMOS memory clear	JP9 pins 1 & 2	Open
í Battery type select internal	JP9 pins 2 & 3	Open
Battery type select external	JP9 pins 2 & 3	Closed
í Monitor type select color	JP10	Closed
Monitor type select monochrome	JP10	Open
í Factory configured - do not alter	RN3	Not installed

DRAM CONFIGURATION 1				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	(4) 1M x 9	NONE	NONE	NONE
8MB	(4) 1M x 9	NONE	(1) 1M x 36	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
12MB	(4) 1M x 9	NONE	(1) 2M x 36	NONE
16MB	(4) 1M x 9	NONE	(1) 1M x 36	(1) 2M x 36
16MB	(4) 1M x 9	(4) 1M x 9	(1) 2M x 36	NONE
16MB	(4) 4M x 9	NONE	NONE	NONE
20MB	(4) 1M x 9	NONE	(1) 2M x 36	(1) 2M x 36
20MB	(4) 1M x 9	(4) 4M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(1) 2M x 36	(1) 2M x 36
24MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	NONE
32MB	(4) 4M x 9	NONE	(1) 4M x 36	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 1M x 9	NONE	(1) 8M x 36	NONE
40MB	(4) 1M x 9	NONE	(1) 1M x 36	(1) 8M x 36
40MB	(4) 1M x 9	(4) 1M x 9	(1) 8M x 36	NONE
48MB	(4) 1M x 9	(4) 1M x 9	(1) 2M x 36	(1) 8M x 36
48MB	(4) 4M x 9	NONE	(1) 8M x 36	NONE
52MB	(4) 1M x 9	NONE	(1) 4M x 36	(1) 8M x 36
56MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	(1) 8M x 36
64MB	(4) 4M x 9	NONE	(1) 4M x 36	(1) 8M x 36
64MB	(4) 4M x 9	(4) 4M x 9	(1) 8M x 36	NONE
64MB	(4) 16M x 9	NONE	NONE	NONE
68MB	(4) 1M x 9	NONE	(1) 8M x 36	(1) 8M x 36
68MB	(4) 1M x 9	(4) 16M x 9	NONE	NONE
72MB	(4) 1M x 9	(4) 1M x 9	(1) 8M x 36	(1) 8M x 36
80MB	(4) 4M x 9	NONE	(1) 8M x 36	(1) 8M x 36
80MB	(4) 4M x 9	(4) 16M x 9	NONE	NONE
96MB	(4) 4M x 9	(4) 4M x 9	(1) 8M x 36	(1) 8M x 36
96MB	(4) 16M x 9	NONE	(1) 8M x 36	NONE
128MB	(4) 16M x 9	NONE	(1) 8M x 36	(1) 8M x 36
128MB	(4) 16M x 9	(4) 16M x 9	NONE	NONE

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DRAM CONFIGURATION 2				
Size	Bank 0	Bank 1	Bank 2	Bank 3
4MB	NONE	NONE	(1) 1M x 36	NONE
8MB	NONE	NONE	(1) 1M x 36	(1) 1M x 36
8MB	NONE	NONE	(1) 2M x 36	NONE
12MB	NONE	NONE	(1) 1M x 36	(1) 2M x 36
16MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	NONE	NONE	(1) 2M x 36	(1) 2M x 36
16MB	NONE	NONE	(1) 4M x 36	NONE
20MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	(1) 2M x 36
20MB	NONE	NONE	(1) 1M x 36	(1) 4M x 36
24MB	(4) 1M x 9	(4) 1M x 9	(1) 2M x 36	(1) 2M x 36
24MB	NONE	NONE	(1) 2M x 36	(1) 4M x 36
32MB	NONE	NONE	(1) 4M x 36	(1) 4M x 36
32MB	NONE	NONE	(1) 8M x 36	NONE
36MB	NONE	NONE	(1) 1M x 36	(1) 8M x 36
40MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	(1) 1M x 36
40MB	NONE	NONE	(1) 2M x 36	(1) 8M x 36
44MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	(1) 2M x 36
48MB	(4) 4M x 9	(4) 4M x 9	(1) 2M x 36	(1) 2M x 36
48MB	NONE	NONE	(1) 4M x 36	(1) 8M x 36
52MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	(1) 4M x 36
56MB	(4) 4M x 9	(4) 4M x 9	(1) 2M x 36	(1) 4M x 36
64MB	(4) 4M x 9	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
64MB	NONE	NONE	(1) 8M x 36	(1) 8M x 36
68MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	(1) 8M x 36
72MB	(4) 4M x 9	(4) 4M x 9	(1) 2M x 36	(1) 8M x 36
80MB	(4) 4M x 9	(4) 4M x 9	(1) 4M x 36	(1) 8M x 36
96MB	(4) 4M x 9	(4) 4M x 9	(1) 8M x 36	(1) 8M x 36

DRAM RESISTOR CONFIGURATION		
Table	RA6	RA12
Configuration 1	Installed	Not installed
Configuration 2	Not installed	Installed

SIMM SIZE CONFIGURATION		
Size	RN12	RN13
16M x 9 SIMMs not used	Installed	Not installed
16M x 9 SIMMs used	Not installed	Installed

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CPU TYPE CONFIGURATION					
Setting	JP7	JP8	RN1	RN2	RN4
CX486M6	pins 2 & 3 closed	pins 2 & 3 closed	Installed	Not installed	Not installed
80486SX	pins 2 & 3 closed	pins 2 & 3 closed	Installed	Not installed	Not installed
80487SX	pins 2 & 3 closed	pins 2 & 3 closed	Not installed	Not installed	Installed
80486DX	pins 2 & 3 closed	pins 2 & 3 closed	Not installed	Installed	Not installed
80486DX2	pins 2 & 3 closed	pins 2 & 3 closed	Not installed	Installed	Not installed
P24T	pins 2 & 3 closed	pins 2 & 3 closed	Not installed	Not installed	Installed
Pentium	pins 1 & 2 closed	pins 1 & 2 closed	Not installed	Not installed	Not installed
P5T Overdrive	pins 1 & 2 closed	pins 1 & 2 closed	Not installed	Not installed	Not installed

CPU TYPE CONFIGURATION (CON'T)						
Setting	RN5	RN7	RN8	RN9	RN10	RN11
CX486M6	Not installed	Not installed	Not installed	Installed	Not installed	Not installed
80486SX	Not installed	Installed	Not installed	Not installed	Not installed	Not installed
80487SX	Not installed					
80486DX	Not installed	Not installed	Installed	Not installed	Not installed	Not installed
80486DX2	Not installed	Not installed	Installed	Not installed	Not installed	Not installed
P24T	Not installed	Not installed	Installed	Not installed	Installed	Not installed
Pentium	Installed	Not installed	Not installed	Not installed	Not installed	Installed
P5T Overdrive	Installed	Not installed	Not installed	Not installed	Not installed	Installed

CPU SPEED CONFIGURATION						
Speed	JP6	JP11	JP12	JP13	JP14	JP15
33MHz	Open	Closed	Open	Open	Open	Open
40MHz	Open	Open	Closed	Open	Open	Open
50MHz	Closed	Open	Open	Closed	Open	Open
66iMHz	Open	Closed	Open	Open	Open	Open
66MHz	Open	Open	Open	Open	Closed	Open
Oscillator U33	Open	Open	Open	Open	Open	Closed

CACHE CONFIGURATION						
Size	Bank 0	Bank 1	Bank 2	Bank 3	TAG Bank 0	TAG Bank 1
128KB	(4) 32K x 8	NONE	NONE	NONE	(1) 8K x 8	(1) 64K x 1
256KB	(4) 32K x 8	(4) 32K x 8	NONE	NONE	(1) 32K x 8	(1) 64K x 1
256KB	(4) 32K x 8	NONE	(4) 32K x 8	NONE	(1) 8K x 8	(1) 64K x 1
512KB	(4) 32K x 8	(1) 32K x 8	(1) 64K x 1			

Note: The first two configurations are for use in 80486-based machines. The second two are for use in Pentium-based machines.

CACHE JUMPER CONFIGURATION				
Size	JP2	JP3	JP4	JP5
128KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 1 & 2 closed			
256KB	pins 1 & 2 closed	pins 1 & 2 closed	Open	pins 2 & 3 closed
512KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed

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CACHE RESISTOR CONFIGURATION				
Size	RN4128	RN4256	RN5256	RN5512
128KB	Installed	Not installed	Not installed	Not installed
256KB	Not installed	Installed	Not installed	Not installed
256KB	Not installed	Not installed	Installed	Not installed
512KB	Not installed	Not installed	Not installed	Installed

VESA BUS SPEED CONFIGURATION				
Speed	RN25	RN33	RN40	RN50
25MHz	Installed	Not installed	Not installed	Not installed
33MHz	Not installed	Installed	Not installed	Not installed
40MHz	Not installed	Not installed	Installed	Not installed
50MHz	Not installed	Not installed	Not installed	Installed