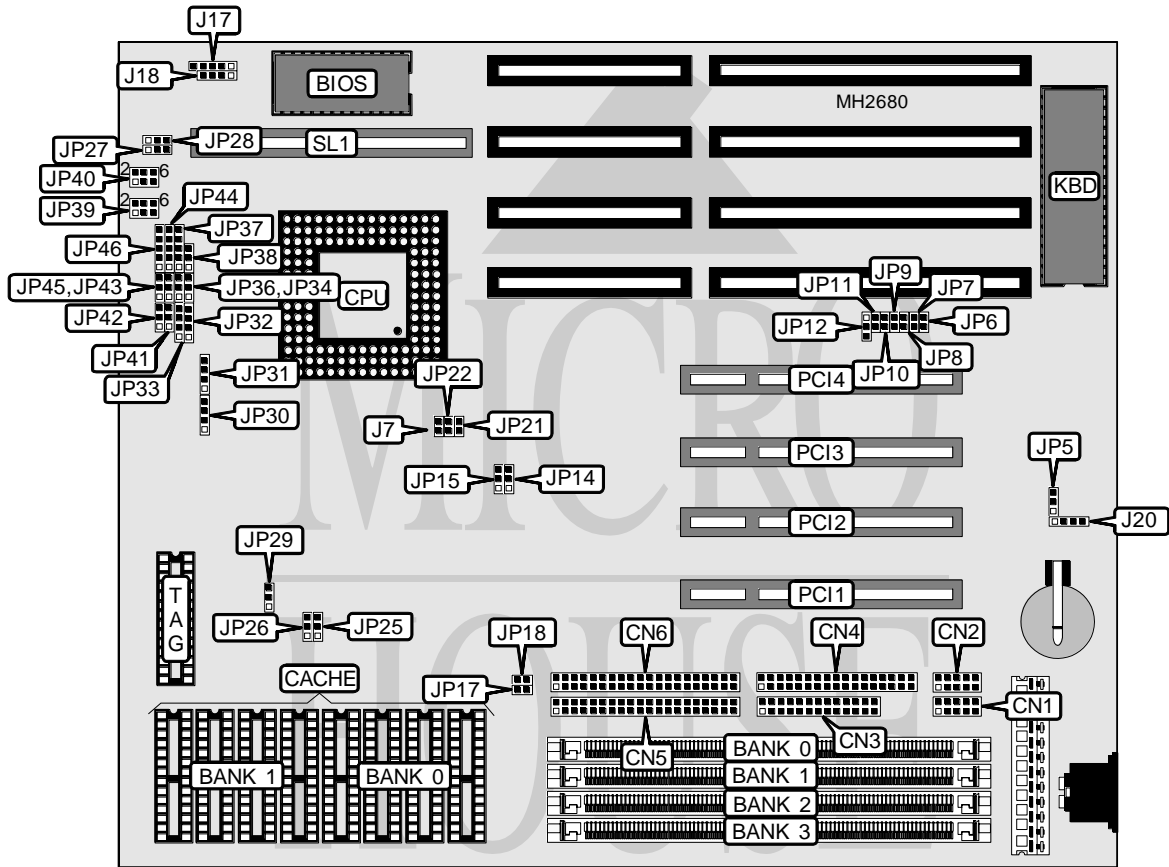


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Processor	80486SX/80486SX2/CX486DX/U55/80486DX/CX486DX2/AM486DX2/ 80486DX2/AM486DX4/80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/66(internal)/75(internal)/80(internal)/100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	256MB
Cache	256/512/1024KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slot, 32-bit PCI slots (4), IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	Reset switch	J19
Serial port 2	CN2	External battery	J20
Parallel port	CN3	Turbo switch	J21
Floppy drive interface	CN4	Turbo LED	J22
IDE interface (primary)	CN5	IDE interface LED (secondary)	JP17
IDE interface (secondary)	CN6	IDE interface LED (primary)	JP18
Power LED & keylock	J17	32-bit PCI slots	PCI1 - PCI4
Speaker	J18	32-bit VESA local bus slot	SL1

Note: The locations of J19, J21, and J22 are unidentified.

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
ı Factory configured - do not alter	J7	Open
ı Factory configured - do not alter	JP1	N/A
ı Factory configured - do not alter	JP2	N/A
ı Monitor type select color	JP3	Closed
Monitor type select monochrome	JP3	Open
ı Factory configured - do not alter	JP4	N/A
ı CMOS memory normal operation	JP5	pins 1 & 2 closed
CMOS memory clear	JP5	pins 2 & 3 closed
ı Factory configured - do not alter	JP6	Closed
ı Factory configured - do not alter	JP7	Open
ı Factory configured - do not alter	JP12	pins 1 & 2 closed
ı Factory configured - do not alter	JP13	N/A
ı CPU signal type select SMOUT	JP15	pins 1 & 2 closed
CPU signal type select STPCLK	JP15	pins 2 & 3 closed
ı Factory configured - do not alter	JP19	N/A
ı Factory configured - do not alter	JP27	pins 2 & 3 closed
ı Factory configured - do not alter	JP28	pins 2 & 3 closed

Note: The locations of JP1, JP2, JP3, JP4, JP13, JP19, and JP29 are unidentified.

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
2MB	(1) 512K x 36	NONE	NONE	NONE
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	NONE
8MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 4M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
36MB	(1) 1M x 36	(1) 8M x 36	NONE	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 4M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
65MB	(1) 256K x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
70MB	(1) 16M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
72MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 4M x 36	(1) 16M x 36	NONE	NONE
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE
88MB	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
112MB	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
132MB	(1) 16M x 36	(1) 16M x 36	(1) 512K x 36	(1) 512K x 36
144MB	(1) 16M x 36	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36
160MB	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36
160MB	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
192MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	NONE
192MB	(1) 16M x 36	(1) 16M x 36	(1) 8M x 36	(1) 8M x 36
194MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 512K x 36
200MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 2M x 36
208MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 4M x 36
224MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 8M x 36
256MB	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36	(1) 16M x 36

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

CACHE JUMPER CONFIGURATION			
Size	JP25	JP26	JP29
256KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
512KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
1MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION						
Type	JP30	JP31	JP32	JP33	JP34	JP36
80486SX	3 & 4	Open	2 & 3	Open	Open	Open
80486SX2	3 & 4	Open	2 & 3	Open	Open	Open
CX486DX (5v)	2 & 3	3 & 4	1 & 2, 3 & 4	2 & 3	Open	Open
U5S	Open	1 & 2, 3 & 4	1 & 2, 3 & 4	3 & 4	Open	Open
80486DX	3 & 4	3 & 4	1 & 2, 3 & 4	Open	Open	Open
CX486DX2 (3.6v)	2 & 3	3 & 4	1 & 2, 3 & 4	2 & 3	Open	Open
CX486DX2 (4v)	2 & 3	3 & 4	1 & 2, 3 & 4	2 & 3	Open	Open
CX486DX2 (5v)	2 & 3	3 & 4	1 & 2, 3 & 4	2 & 3	Open	Open
AM486DX2 (3.45v)	3 & 4	3 & 4	1 & 2, 3 & 4	Open	2 & 3	Open
AM486DX2 (5v)	3 & 4	3 & 4	1 & 2, 3 & 4	Open	2 & 3	Open
AM486DX2	3 & 4	3 & 4	1 & 2, 3 & 4	Open	2 & 3	1 & 2
80486DX2	3 & 4	3 & 4	1 & 2, 3 & 4	Open	Open	Open
AM486DX4 (3.45v)	3 & 4	3 & 4	1 & 2, 3 & 4	Open	1 & 2	Open
AM486DX4	3 & 4	3 & 4	1 & 2, 3 & 4	Open	1 & 2	1 & 2
80486DX4	3 & 4	3 & 4	1 & 2, 3 & 4	Open	Open	Open
P24D	1 & 2, 3 & 4	3 & 4	1 & 2, 3 & 4	Open	1 & 2	Open
Pentium Overdrive	3 & 4	2 & 3	1 & 2, 3 & 4	1 & 2	Open	1 & 2

Note: Pins designated should be in closed position.

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CPU TYPE CONFIGURATION (CON'T)					
Type	JP37	JP38	JP39	JP40	JP41
80486SX	4 & 5	Open	Open	1 & 2, 3 & 4	Open
80486SX2	4 & 5	Open	Open	1 & 2, 3 & 4	Open
CX486DX (5v)	2 & 3	2 & 3	Open	1 & 2, 3 & 4	Open
U5S	Open	Open	Open	1 & 2, 3 & 4	Open
80486DX	4 & 5	Open	Open	1 & 2, 3 & 4	Open
CX486DX2 (3.6v)	2 & 3	2 & 3	3 & 4	3 & 4, 5 & 6	Open
CX486DX2 (4v)	2 & 3	2 & 3	5 & 6	3 & 4, 5 & 6	Open
CX486DX2 (5v)	2 & 3	2 & 3	Open	1 & 2, 3 & 4	Open
AM486DX2 (3.45v)	4 & 5	Open	1 & 2	1 & 2, 3 & 4	Open
AM486DX2 (5v)	4 & 5	Open	1 & 2	1 & 2, 3 & 4	Open
AM486DX2	4 & 5	Open	1 & 2	3 & 4, 5 & 6	2 & 3
80486DX2	4 & 5	Open	Open	1 & 2, 3 & 4	Open
AM486DX4 (3.45v)	4 & 5	Open	1 & 2	1 & 2, 3 & 4	Open
AM486DX4	4 & 5	Open	1 & 2	3 & 4, 5 & 6	2 & 3
80486DX4	4 & 5	Open	1 & 2	3 & 4, 5 & 6	Open
P24D	4 & 5	1 & 2	Open	1 & 2, 3 & 4	1 & 2
Pentium Overdrive	1 & 2	1 & 2	Open	1 & 2, 3 & 4	Open

Note: Pins designated should be in closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	JP42	JP43	JP44	JP45	JP46
80486SX	2 & 3	Open	1 & 2	1 & 2	1 & 2
80486SX2	2 & 3	Open	1 & 2	1 & 2	1 & 2
CX486DX (5v)	2 & 3	Open	Open	1 & 2	1 & 2
U5S	2 & 3	Open	1 & 2	2 & 3	4 & 5
80486DX	2 & 3	Open	1 & 2	1 & 2	2 & 3
CX486DX2 (3.6v)	2 & 3	Open	Open	1 & 2	1 & 2
CX486DX2 (4v)	2 & 3	Open	Open	1 & 2	1 & 2
CX486DX2 (5v)	2 & 3	Open	Open	1 & 2	1 & 2
AM486DX2 (3.45v)	2 & 3	Open	1 & 2	1 & 2	2 & 3
AM486DX2 (5v)	2 & 3	Open	1 & 2	1 & 2	2 & 3
AM486DX2	2 & 3	Open	4 & 5	1 & 2	2 & 3
80486DX2	2 & 3	Open	1 & 2	1 & 2	2 & 3
AM486DX4 (3.45v)	2 & 3	Open	1 & 2	1 & 2	2 & 3
AM486DX4	2 & 3	Open	4 & 5	1 & 2	2 & 3
80486DX4	2 & 3	Open	1 & 2	1 & 2	2 & 3
P24D	1 & 2	Open	2 & 3	1 & 2	2 & 3
Pentium Overdrive	1 & 2	Open	Open	1 & 2	2 & 3

Note: Pins designated should be in closed position.

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CPU SPEED CONFIGURATION			
Speed	JP14	JP21	JP22
25MHz	pins 1 & 2 closed	Open	Open
33MHz	pins 1 & 2 closed	Closed	Closed
40MHz	pins 1 & 2 closed	Closed	Open
50iMHz	pins 1 & 2 closed	Open	Open
66iMHz	pins 1 & 2 closed	Closed	Closed
75iMHz	pins 1 & 2 closed	Open	Open
80iMHz	pins 1 & 2 closed	Closed	Open
100iMHz	pins 1 & 2 closed	Closed	Closed

DRQ/DACK CONFIGURATION				
DRQ/DACK	JP8	JP9	JP10	JP11
None	Open	Open	Open	Open
DRQ3/DACK3	Closed	Open	Open	Closed
DRQ7/DACK7	Open	Closed	Closed	Open