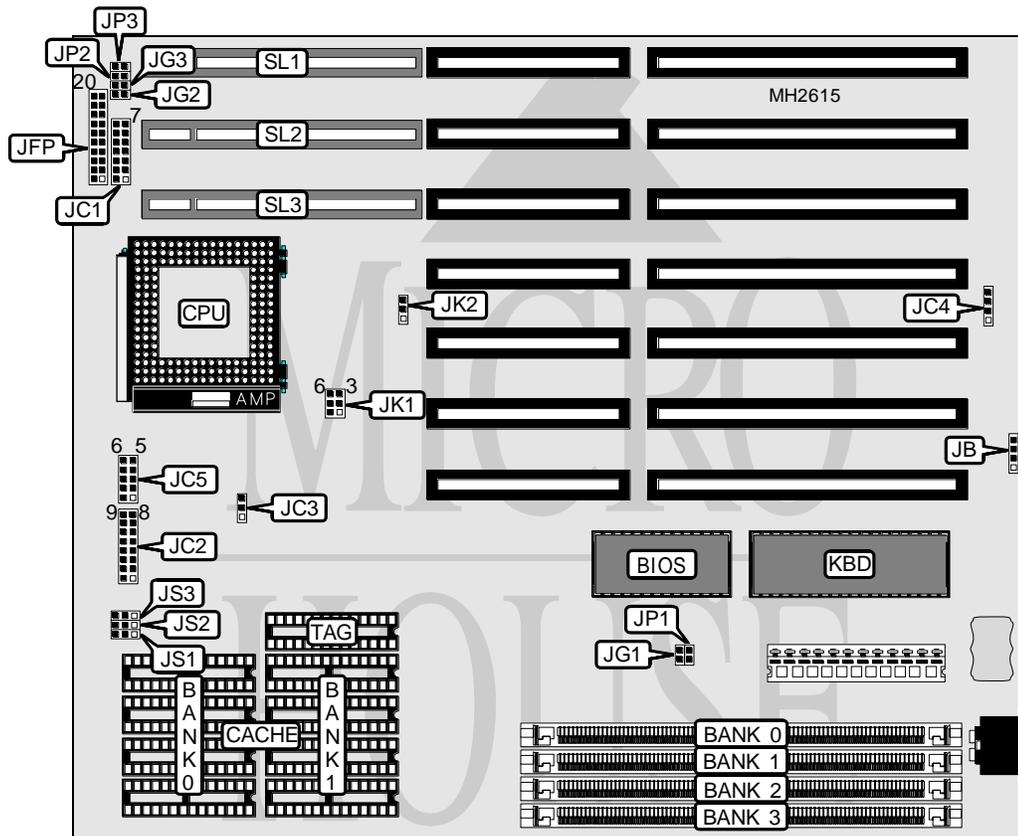


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MS - 4138

Processor	SL80486SX/80486SX/AM486DXL/CXM7/SL80486DX/80486DX/80486DX2/ Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)MHz
Chip Set	SIS
Max. Onboard DRAM	32MB
Cache	128/256/512KB
BIOS	AMI
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	JB	Reset switch	JFP pins 19 - 20
Power LED & keylock	JFP pins 1 - 5	Green PC connector (monitor)	JG1
Speaker	JFP pins 6 - 10	Green PC LED	JG2
Turbo LED	JFP pins 12 - 13	Green PC connector	JG3
Turbo switch	JFP pins 15 - 17	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	JB	pins 2 & 3 closed
Battery type select external	JB	Closed
í Factory configured - do not alter	JC5	N/A
í Monitor type select monochrome	JP1	Open
Monitor type select color	JP1	Closed

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
4MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	NONE
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) 256K x 36	(1) 256K x 36	(1) 1M x 36	NONE
6MB	(1) 512K x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 1M x 36
8MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
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
12MB	(1) 1M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 2M x 36	NONE
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
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
18MB	(1) 512K 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
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	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) 1M x 36	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
28MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	NONE
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

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
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
40MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
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) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 2M x 36	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M 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
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	NONE	(1) 8K or (1) 16K or (1) 32K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K or (1) 32K x 8
256KB	(4) 64K x 8	NONE	(1) 16K or (1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8

CACHE JUMPER CONFIGURATION			
Size	JS1	JS2	JS3
128KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
256KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
512KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

CPU TYPE CONFIGURATION		
Type	JC1	JC2
SL80486SX	2 & 3, 7 & 8, 9 & 10, 12 & 13	10 & 11
80486SX	7 & 8	10 & 11
AM486DXL	7 & 8, 11 & 12	5 & 6, 7 & 8, 9 & 10, 11 & 12
CXM7	1 & 2, 3 & 12, 4 & 11, 5 & 10, 7 & 8	4 & 13, 7 & 8, 9 & 10, 11 & 12
SL80486DX	2 & 3, 7 & 8, 9 & 10, 12 & 13	7 & 8, 9 & 10, 11 & 12
80486DX	7 & 8	7 & 8, 9 & 10, 11 & 12
80486DX2	7 & 8	7 & 8, 9 & 10, 11 & 12
Pentium Overdrive	2 & 3, 7 & 8, 9 & 10, 12 & 13	6 & 7, 9 & 10, 11 & 12

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)		
Type	JC3	JC4
SL80486SX	pins 1 & 2 closed	pins 1 & 2 closed
80486SX	Open	pins 1 & 2 closed
AM486DXL	pins 2 & 3 closed	pins 3 & 4 closed
CXM7	pins 1 & 2 closed	pins 3 & 4 closed
SL80486DX	pins 1 & 2 closed	pins 1 & 2 closed
80486DX	pins 1 & 2 closed	pins 1 & 2 closed
80486DX2	pins 1 & 2 closed	pins 1 & 2 closed
Pentium Overdrive	pins 1 & 2 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION		
Speed	JK1	JK2
25MHz	Open	pins 2 & 3 closed
33MHz	pins 2 & 5, 3 & 4 closed	pins 2 & 3 closed
40MHz	pins 3 & 4 closed	pins 2 & 3 closed
50iMHz	Open	pins 2 & 3 closed
50MHz	pins 1 & 6, 2 & 5 closed	pins 1 & 2 closed
66iMHz	pins 2 & 5, 3 & 4 closed	pins 2 & 3 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP2
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP3
<= 33MHz	Open
> 33MHz	Closed