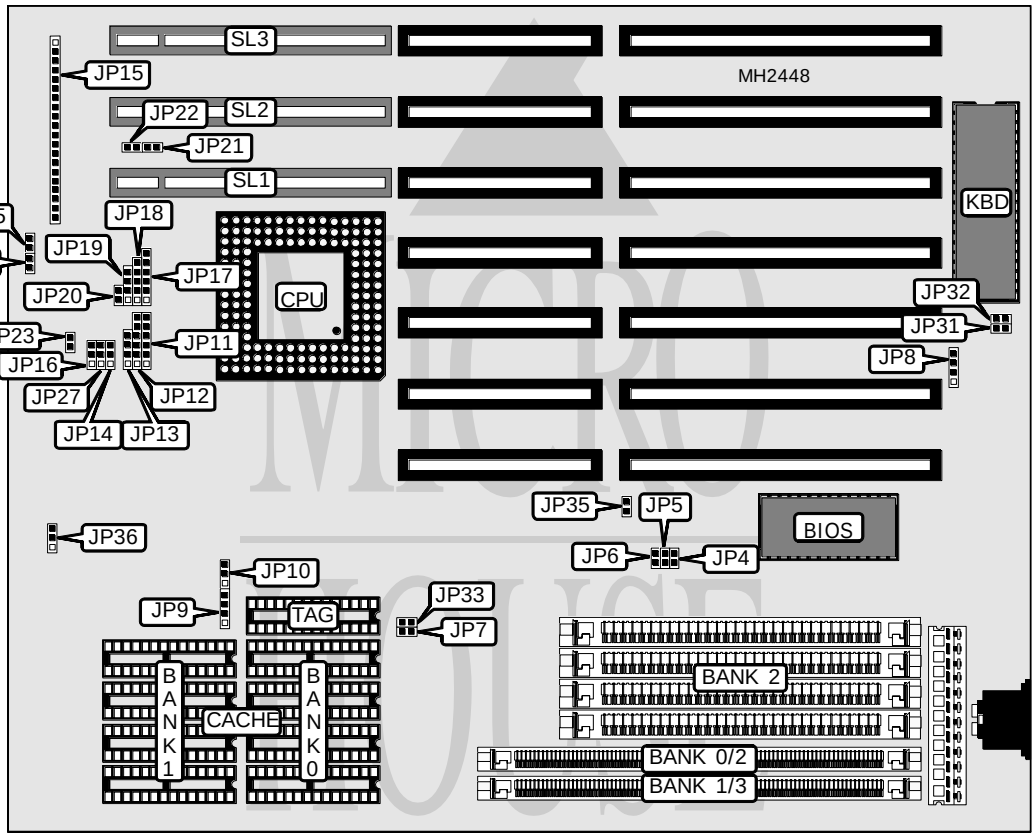
BIOSTAR MICROTECH INTERNATIONAL CORPORATION MB-1425/1433/1440/1450UIV (VER. 2)

Processor	CX486M6/UMC486/80486SX/CX486M7/AM486DX/SL80486DX/80486DX/ AM486DX2/AM486DXL/SL80486DX2/80486DX2/80486DX4/P24D/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	64MB
Cache	64/128/256KB
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	JP8	Turbo switch	JP15 (pins 14 - 16)
Speaker	JP15 (pins 1 - 4)	+5v ground	JP15 (pins 17 - 18)
Power LED & keylock	JP15 (pins 5 - 9)	Green PC connector	JP24
Turbo LED	JP15 (pins 10 - 11)	Green PC connector	JP25
Reset switch	JP15 (pins 12 - 13)	32-bit VESA local bus slots	SL1 - SL3

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP8	pins 2 & 3 closed
CMOS memory clear	JP8	pins 3 & 4 closed
Battery type select external	JP8	Closed
í Factory configured - do not alter	JP31	Open
í Factory configured - do not alter	JP32	Open
í VESA bus clock type select synchronous	JP36	pins 1 & 2 closed
VESA bus clock type select asynchronous	JP36	pins 2 & 3 closed

DRAM CONFIGURATION			
Size	Bank 0/2	Bank 1/3	Bank 2
1MB	(1) 256K x 36	NONE	NONE
1MB	NONE	(1) 256K x 36	NONE
1MB	NONE	NONE	(4) 256K x 9
2MB	(1) 256K x 36	NONE	(4) 256K x 9
2MB	NONE	(1) 256K x 36	(4) 256K x 9
2MB	(1) 256K x 36	(1) 256K x 36	NONE
2MB	(1) 512K x 36	NONE	NONE
2MB	NONE	(1) 512K x 36	NONE
3MB	(1) 256K x 36	(1) 256K x 36	(4) 256K x 9
3MB	NONE	(1) 512K x 36	(4) 256K x 9
3MB	(1) 256K x 36	(1) 512K x 36	(4) 256K x 9
3MB	(1) 512K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36	(1) 512K x 36	(4) 256K x 9
4MB	NONE	NONE	(4) 1M x 9
4MB	(1) 512K x 36	(1) 512K x 36	NONE
4MB	(1) 1M x 36	NONE	NONE
4MB	NONE	(1) 1M x 36	NONE
5MB	(1) 1M x 36	NONE	(4) 256K x 9
5MB	NONE	(1) 1M x 36	(4) 256K x 9
5MB	(1) 256K x 36	NONE	(4) 1M x 9
5MB	NONE	(1) 256K x 36	(4) 1M x 9
5MB	(1) 256K x 36	(1) 1M x 36	NONE
5MB	(1) 1M x 36	(1) 256K x 36	NONE
6MB	NONE	(1) 512K x 36	(4) 1M x 9
6MB	(1) 1M x 36	(1) 512K x 36	NONE
6MB	(1) 512K x 36	(1) 1M x 36	NONE
7MB	(1) 1M x 36	(1) 512K x 36	(4) 256K x 9
7MB	(1) 256K x 36	(1) 512K x 36	(4) 1M x 9
8MB	(1) 1M x 36	NONE	(4) 1M x 9
8MB	NONE	(1) 1M x 36	(4) 1M x 9
8MB	(1) 1M x 36	(1) 1M x 36	NONE
8MB	(1) 2M x 36	NONE	NONE
8MB	NONE	(1) 2M x 36	NONE
9MB	(1) 1M x 36	(1) 1M x 36	(4) 256K x 9

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0/2	Bank 1/3	Bank 2
9MB	(1) 1M x 36	(1) 256K x 36	(4) 1M x 9
9MB	(1) 256K x 36	(1) 1M x 36	(4) 1M x 9
10MB	(1) 1M x 36	(1) 512K x 36	(4) 1M x 9
12MB	(1) 1M x 36	(1) 1M x 36	(4) 1M x 9
12MB	NONE	(1) 2M x 36	(4) 4M x 9
12MB	(1) 1M x 36	(1) 2M x 36	NONE
12MB	(1) 2M x 36	(1) 1M x 36	NONE
16MB	NONE	NONE	(4) 4M x 9
16MB	(1) 4M x 36	NONE	NONE
16MB	NONE	(1) 4M x 36	NONE
17MB	(1) 4M x 36	NONE	(4) 256K x 9
17MB	NONE	(1) 4M x 36	(4) 256K x 9
17MB	(1) 256K x 36	NONE	(4) 4M x 9
17MB	NONE	(1) 256K x 36	(4) 4M x 9
18MB	(1) 256K x 36	(1) 4M x 36	(4) 256K x 9
18MB	(1) 4M x 36	(1) 256K x 36	(4) 256K x 9
19MB	(1) 4M x 36	(1) 2M x 36	(4) 256K x 9
20MB	(1) 4M x 36	(1) 1M x 36	(4) 1M x 9
20MB	NONE	NONE	(4) 1M x 9
20MB	(1) 1M x 36	(1) 4M x 36	(4) 4M x 9
20MB	NONE	NONE	(4) 4M x 9
21MB	(1) 1M x 36	(1) 4M x 36	(4) 256K x 9
21MB	(1) 4M x 36	(1) 1M x 36	(4) 256K x 9
24MB	(1) 1M x 36	(1) 4M x 36	(4) 1M x 9
24MB	(1) 4M x 36	(1) 1M x 36	(4) 1M x 9
32MB	(1) 4M x 36	NONE	(4) 4M x 9
32MB	NONE	(1) 4M x 36	(4) 4M x 9
32MB	(1) 4M x 36	(1) 4M x 36	NONE
32MB	(1) 8M x 36	NONE	NONE
32MB	NONE	(1) 8M x 36	NONE
33MB	(1) 8M x 36	NONE	(4) 256K x 9
33MB	NONE	(1) 8M x 36	(4) 256K x 9
33MB	(1) 4M x 36	(1) 4M x 36	(4) 256K x 9
33MB	(1) 4M x 36	(1) 256K x 36	(4) 4M x 9
33MB	(1) 256K x 36	(1) 4M x 36	(4) 4M x 9
34MB	(1) 4M x 36	(1) 512K x 36	(4) 4M x 9
36MB	(1) 4M x 36	(1) 1M x 36	(4) 4M x 9
36MB	(1) 1M x 36	(1) 4M x 36	(4) 4M x 9
36MB	NONE	(1) 8M x 36	(4) 1M x 9
36MB	(1) 4M x 36	(1) 4M x 36	(4) 1M x 9
48MB	(1) 4M x 36	(1) 4M x 36	(4) 4M x 9
48MB	NONE	(1) 8M x 36	(4) 4M x 9
48MB	(1) 4M x 36	(1) 8M x 36	NONE
48MB	(1) 8M x 36	(1) 4M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE

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

CACHE JUMPER CONFIGURATION				
Size	JP7	JP9	JP10	JP33
64KB	Open	Open	pins 2 & 3 closed	Open
128KB	Open	pins 1 & 2 closed	pins 1 & 2 closed	Closed
256KB (A)	Closed	pins 2 & 3 closed	pins 2 & 3 closed	Closed
256KB (B)	Closed	pins 1 & 2, 3 & 4 closed	pins 1 & 2 closed	Closed

CPU TYPE CONFIGURATION			
Type	JP11	JP12	JP13
CX486M6	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	2 & 3
UMC486	2 & 3	2 & 3	2 & 3
80486SX	Open	2 & 3	2 & 3
CX486M7	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4
AMD486DXL	2 & 3	2 & 3	1 & 2, 3 & 4
SL80486DX	1 & 2	1 & 2	1 & 2, 3 & 4
SL80486DX2	1 & 2	1 & 2	1 & 2, 3 & 4
80486DX	Open	2 & 3	1 & 2, 3 & 4
80486DX2	Open	2 & 3	1 & 2, 3 & 4
80486DX4	1 & 2	1 & 2	1 & 2, 3 & 4
P24D	1 & 2, 4 & 5	1 & 2, 4 & 5	1 & 2, 3 & 4
Pentium Overdrive	1 & 2	1 & 2	1 & 2, 3 & 4
Note: Pins designated should be in the closed position.			

CPU TYPE CONFIGURATION (CON'T)				
Type	JP17	JP18	JP19	JP35
CX486M6	Open	2 & 3, 4 & 5	2 & 3, 4 & 5	Open
UMC486	3 & 4	1 & 2	Open	Closed
80486SX	Open	Open	Open	Closed
CX486M7	1 & 2	2 & 3, 4 & 5	2 & 3	Open
AMD486DXL	1 & 2, 3 & 4	1 & 2	Open	Closed
SL80486DX	1 & 2	5 & 6	1 & 2, 3 & 4	Open
SL80486DX2	1 & 2	5 & 6	1 & 2, 3 & 4	Open
80486DX	1 & 2	Open	Open	Closed
80486DX2	1 & 2	Open	Open	Closed
80486DX4	1 & 2	5 & 6	1 & 2, 3 & 4	Open
P24D	1 & 2	3 & 4, 5 & 6	1 & 2, 3 & 4	Open
Pentium Overdrive	2 & 3	5 & 6	1 & 2, 3 & 4	Open
Note: Pins designated should be in the closed position.				

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CPU TYPE CONFIGURATION		
Type	JP20	JP23
All CPU	Open	Open
AM80486DX2-66/80 only	Closed	Closed

CPU SPEED CONFIGURATION			
Speed	JP4	JP5	JP6
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Closed
40MHz	Open	Closed	Closed
50iMHz	Open	Open	Closed
50MHz	Closed	Open	Open
66iMHz	Closed	Closed	Closed
75iMHz	Open	Open	Closed
100iMHz	Closed	Closed	Closed

CPU VOLTAGE CONFIGURATION			
Voltage	JP14	JP16	JP27
3.45v	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
5v	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP22
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP21
<= 33MHz	Open
> 33MHz	Closed