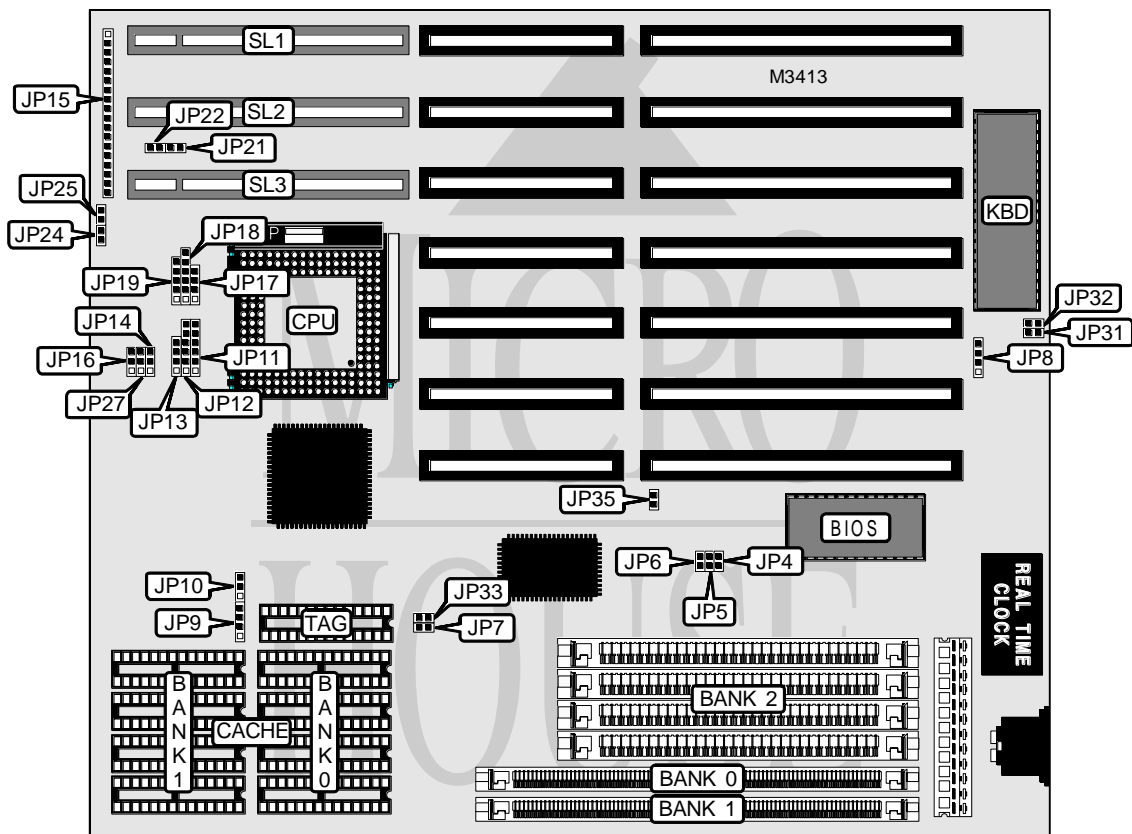


BIOSTAR MICROTECH INTERNATIONAL, INC.

MB-1425UIV, MB-1433UIV, MB-1440UIV, MB-1450UIV (VER. 01)

Processor	CX486SXM6/80486SX/CX486M7/UMC486/AM486DXL/80486DX/SL80486DX/80486DX/80486DX2/80486DX4/P24D/P24T
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	64/128/256KB
BIOS	AMI/Award
Dimensions	250mm x 220mm
I/O Options	32-bit VESA local bus slots (3)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	JP8	Turbo switch	JP15 pins 14 & 15
Speaker	JP15 pins 1 - 4	+5v ground	JP15 pins 17 & 18
Power LED & keylock	JP15 pins 5 - 9	Green PC LED	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

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Battery type select external	JP8	Closed
CMOS memory normal operation	JP8	Pins 2 & 3 closed
CMOS memory clear	JP8	Pins 3 & 4 closed
Jumper information unavailable	JP31	Unidentified
Jumper information unavailable	JP32	Unidentified

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	None	None	(4) 256K x 9
1MB	(1) 256K x 36	None	None
1MB	None	(1) 256K x 36	None
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	None
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

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
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
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) 512K x 36	(4) 256K x 9
20MB	(1) 4M x 36	None	(4) 1M x 9
20MB	None	(1) 4M x 36	(4) 1M x 9
20MB	(1) 1M x 36	None	(4) 4M x 9
20MB	None	(1) 1M x 36	(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

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DRAM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
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

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 SPEED SELECTION			
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

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CPU TYPE SELECTION			
Type	JP11	JP12	JP13
CX486M6	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6	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
UMC486	2 & 3	2 & 3	2 & 3
AM486DXL	2 & 3	2 & 3	1 & 2, 3 & 4
80486DX	Open	2 & 3	1 & 2, 3 & 4
SL80486DX	1 & 2	1 & 2	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
P24T	1 & 2	1 & 2	1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)				
Type	JP17	JP18	JP19	JP35
CX486M6	Open	2 & 3, 4 & 5	2 & 3, 4 & 5	Open
80486SX	Open	Open	Open	Closed
CX486M7	1 & 2	2 & 3, 4 & 5	2 & 3	Open
UMC486	3 & 4	1 & 2	Open	Closed
AM486DXL	1 & 2, 3 & 4	1 & 2	Open	Closed
80486DX	1 & 2	Open	Open	Closed
SL80486DX	1 & 2	5 & 6	1 & 2, 3 & 4	Open
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
P24T	2 & 3	5 & 6	1 & 2, 3 & 4	Open

Note: Pins designated should be in the closed position.

CPU VOLTAGE SELECTION			
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

VL BUS WAIT STATE SELECTION	
Setting	JP22
0	Open
1	Closed

VL BUS SPEED SELECTION	
Setting	JP21
<= 33MHz	Open
>33 MHz	Closed