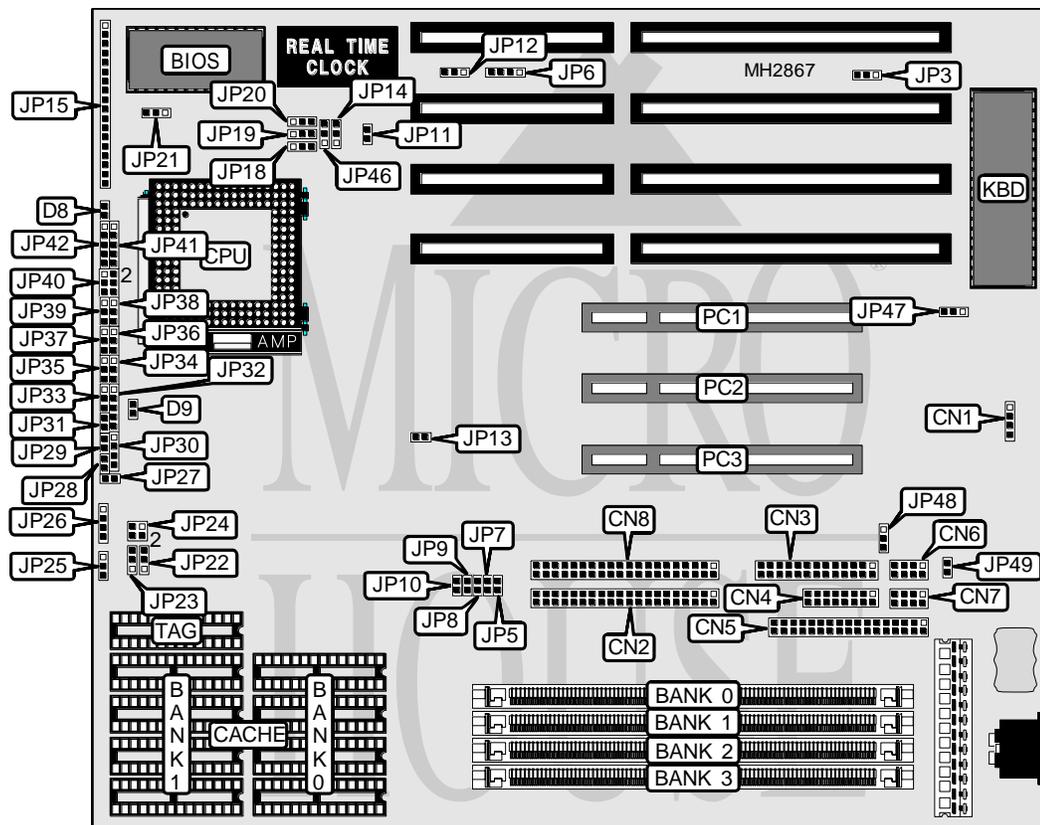


BIOSTAR MICROTECH INTERNATIONAL CORPORATION

MB-8425/33/40/50UC

Processor	CXM1/80486SX/UMCU5/CX486M6/AM486DX/80486DX/SL80486DX/CX487M7AM486DX2/ SL AM486DX2/80486DX2/SL80486DX2/AM486DX4/SL AM486DX4 SL80486DX4/P24D/Pentium Overdrive
Processor Speed	20/25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	128MB
Cache	128/256KB
BIOS	Award
Dimensions	260mm x 220mm
I/O Options	Parallel port, serial ports (2), game port, 32-bit PCI slots (3), green PC connector, floppy drive interface, IDE interfaces (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	CN1	IDE interface LED	D9
IDE interface 1	CN2	Green PC connector	JP13
Parallel port	CN3	Speaker	JP15 pins 1 - 4
Game port	CN4	Power LED & keylock	JP15 pins 5 - 9
Floppy drive interface	CN5	Turbo LED	JP15 pins 10 - 11
Serial port 1	CN6	Reset switch	JP15 pins 12 - 13
Serial port 2	CN7	Turbo switch	JP15 pins 14 - 16
IDE interface 2	CN8	+5v ground	JP15 pins 17 - 18
+5v ground	D8	32-bit PCI slots	PC1 - PC3

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í BIOS type select 12v flash	JP3	pins 1 & 2 closed
BIOS type select 5v flash	JP3	pins 2 & 3 closed
BIOS type select EPROM	JP3	Open
í CMOS memory normal operation	JP6	pins 1 & 2 closed
CMOS memory clear	JP6	pins 1 & 2, 3 & 4 closed
í Factory configured - do not alter	JP9	N/A
í Factory configured - do not alter	JP10	N/A
í Factory configured - do not alter	JP11	N/A
í Factory configured - do not alter	JP12	N/A
í Factory configured - do not alter	JP20	N/A
í Factory configured - do not alter	JP21	N/A
í Factory configured - do not alter	JP46	N/A
í Factory configured - do not alter	JP49	N/A

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
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			
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	NONE
8MB	(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) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36			
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	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			
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36			
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
128MB	(1) 8M x 36			

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
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	JP24	JP25	JP26
128KB	Open	pins 1 & 2 closed	Open
256KB (A)	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
256KB (B)	pins 1 & 2 closed	pins 2 & 3 closed	Open

CPU TYPE CONFIGURATION					
Type	JP27	JP28	JP29	JP30	JP31
CX M1	Closed	Open	Closed	3 & 4	Closed
80486SX	Open	Closed	Closed	Open	Closed
UMC-U5	Open	Open	Open	1 & 2	Open
CX486M6	Open	Open	Open	Open	Open
AM486DX	Open	Closed	Closed	3 & 4	Closed
80486DX	Open	Closed	Closed	3 & 4	Closed
SL80486DX	Open	Closed	Closed	3 & 4	Closed
CX486M7	Open	Open	Open	3 & 4	Open
AM486DX2	Open	Closed	Closed	3 & 4	Closed
SL AM486DX2 WT	Open	Closed	Closed	3 & 4	Closed
SL AM486DX2 WB	Open	Closed	Closed	3 & 4	Closed
80486DX2	Open	Closed	Closed	3 & 4	Closed
SL80486DX2	Open	Closed	Closed	3 & 4	Closed
AM486DX4	Open	Closed	Closed	3 & 4	Closed
SL AM486DX4 WT	Open	Closed	Closed	3 & 4	Closed
SL AM486DX4 WB	Open	Closed	Closed	3 & 4	Closed
SL80486DX4	Open	Closed	Closed	3 & 4	Closed
P24D	Open	Closed	Closed	3 & 4	Closed
Pentium Overdrive	Open	Open	Open	2 & 3	Open

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION (CON'T)					
Type	JP32	JP33	JP34	JP35	JP36
CX M1	2 & 3, 4 & 5	Open	Open	Open	1 & 2
80486SX	2 & 3, 4 & 5	Open	Open	Open	1 & 2
UMC-U5	Open	Open	Open	Open	Open
CX486M6	1 & 2, 3 & 4	Open	1 & 2	2 & 3	2 & 3
AM486DX	2 & 3, 4 & 5	Open	Open	Open	1 & 2
80486DX	2 & 3, 4 & 5	Open	Open	Open	1 & 2
SL80486DX	2 & 3, 4 & 5	Open	Open	Open	1 & 2
CX486M7	1 & 2, 3 & 4	Open	1 & 2	2 & 3	2 & 3
AM486DX2	2 & 3, 4 & 5	Open	Open	Open	1 & 2
SL AM486DX2 WT	2 & 3, 4 & 5	2 & 3	Open	Open	1 & 2
SL AM486DX2 WB	2 & 3, 4 & 5	2 & 3	Open	Open	1 & 2
80486DX2	2 & 3, 4 & 5	Open	Open	Open	1 & 2
SL80486DX2	2 & 3, 4 & 5	Open	Open	Open	1 & 2
AM486DX4	2 & 3, 4 & 5	Open	Open	Open	1 & 2
SL AM486DX4 WT	2 & 3, 4 & 5	Open	Open	Open	1 & 2
SL AM486DX4 WB	2 & 3, 4 & 5	Open	Open	Open	1 & 2
SL80486DX4	2 & 3, 4 & 5	Open	Open	Open	1 & 2
P24D	2 & 3, 4 & 5	Open	Open	Open	1 & 2
Pentium Overdrive	2 & 3, 4 & 5	Open	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)						
Type	JP37	JP38	JP39	JP40	JP41	JP42
CX M1	Open	2 & 3	1 & 2	3 & 4	Open	1 & 2, 3 & 4
80486SX	2 & 3	2 & 3	1 & 2	1 & 2	Open	2 & 3
UMC-U5	2 & 3	2 & 3	2 & 3	1 & 2	3 & 4	2 & 3
CX486M6	2 & 3	1 & 2	1 & 2	3 & 4	1 & 2	2 & 3
AM486DX	2 & 3	2 & 3	1 & 2	1 & 2	Open	1 & 2, 3 & 4
80486DX	2 & 3	2 & 3	1 & 2	1 & 2	Open	1 & 2, 3 & 4
SL80486DX	2 & 3	2 & 3	1 & 2	3 & 4	Open	1 & 2, 3 & 4
CX486M7	2 & 3	2 & 3	1 & 2	3 & 4	2 & 3	1 & 2, 3 & 4
AM486DX2	2 & 3	2 & 3	1 & 2	1 & 2	Open	1 & 2, 3 & 4
SL AM486DX2 WT	2 & 3	1 & 2	1 & 2	3 & 4	Open	1 & 2, 3 & 4
SL AM486DX2 WB	2 & 3	2 & 3	1 & 2	3 & 4	Open	1 & 2, 3 & 4
80486DX2	2 & 3	2 & 3	1 & 2	1 & 2	Open	1 & 2, 3 & 4
SL80486DX2	2 & 3	2 & 3	1 & 2	3 & 4	Open	1 & 2, 3 & 4
AM486DX4	2 & 3	2 & 3	1 & 2	1 & 2	Open	1 & 2, 3 & 4
SL AM486DX4 WT	2 & 3	1 & 2	1 & 2	3 & 4	Open	1 & 2, 3 & 4
SL AM486DX4 WB	2 & 3	2 & 3	1 & 2	3 & 4	Open	1 & 2, 3 & 4
SL80486DX4	2 & 3	2 & 3	1 & 2	3 & 4	Open	1 & 2, 3 & 4
P24D	2 & 3	2 & 3	1 & 2	3 & 4	Open	1 & 2, 3 & 4
Pentium Overdrive	2 & 3	2 & 3	1 & 2	3 & 4, 5 & 6	1 & 2	1 & 2, 3 & 4

Note: Pins designated should be in the closed position.

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CPU TYPE CONFIGURATION		
Type	JP22	JP23
Cyrix	pins 2 & 3 closed	pins 1 & 2 closed
AMD	pins 1 & 2 closed	pins 1 & 2 closed
UMC	pins 1 & 2 closed	pins 2 & 3 closed
Intel	pins 1 & 2 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION			
Speed	JP5	JP7	JP8
20MHz	Open	Open	Open
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
80iMHz	Open	Closed	Closed
100iMHz	Closed	Closed	Closed

CPU VOLTAGE CONFIGURATION			
Voltage	JP14	JP18	JP19
3.3v	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
4v	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
5v	Open	pins 2 & 3 closed	pins 2 & 3 closed

DMA CONFIGURATION		
DMA	JP47	JP48
DMA 1	pins 1 & 2 closed	pins 1 & 2 closed
DMA 3	pins 2 & 3 closed	pins 2 & 3 closed