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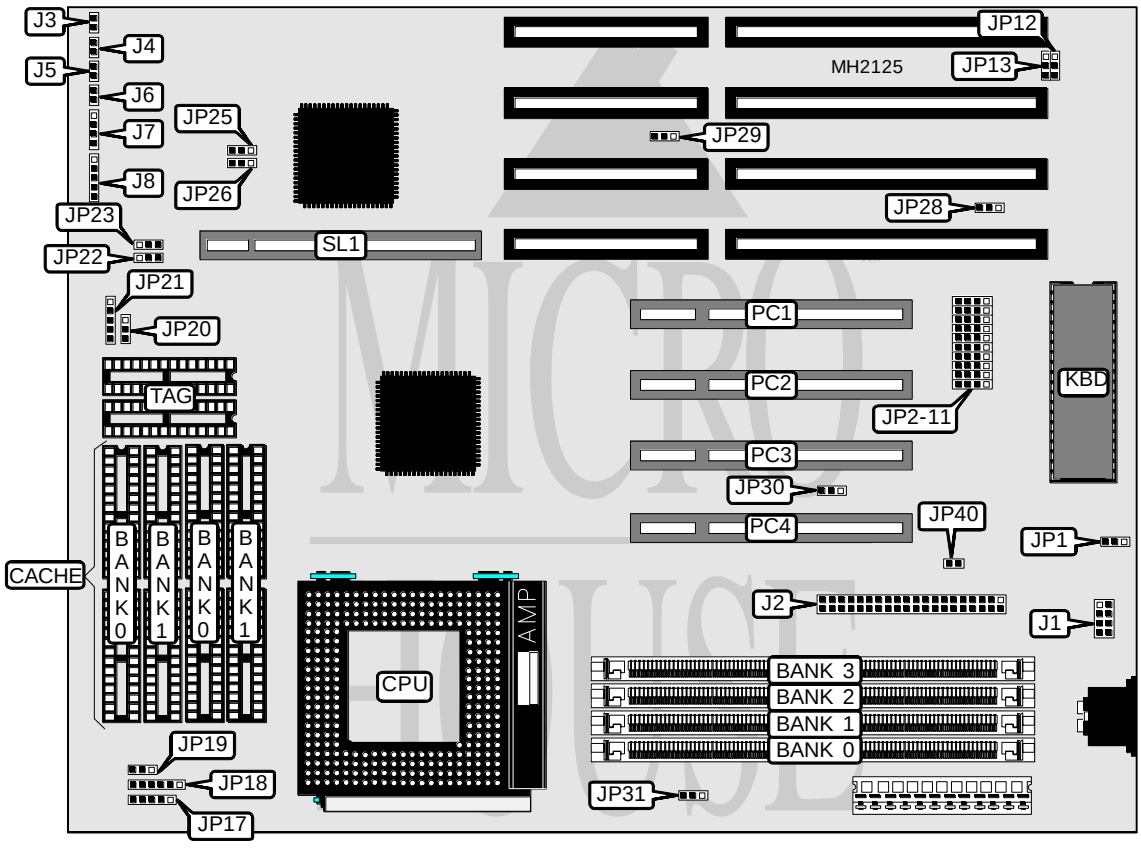
Processor	CX486S/80486SX/80487SX/80486SX2/CX486DX/80486DX/ODP486SX/ CX486DX2/CX486DX2-V/80486DX2/80486DX4/Pentium Overdrive
Processor Speed	25/33/50(internal)/66(internal)/75(internal)/100(internal)MHz
Chip Set	Intel
Max. Onboard DRAM	128MB
Cache	128/256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI bus slots (4), 32-bit VESA local bus slot, green PC feature, IDE interface, PS/2 mouse connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse connector	J1	Speaker	J7
IDE interface	J2	Power LED & keylock	J8
Green PC connector	J3	IDE interface LED	JP40
Turbo switch	J4	32-bit PCI slots	PC1 - PC4
Turbo LED	J5	32-bit VESA Local bus slots	SL1
Reset switch	J6		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome/VGA	JP1	pins 1 & 2 closed
Monitor type select CGA	JP1	pins 2 & 3 closed
í Flash BIOS voltage select 5 volt	JP12	pins 2 & 3 closed
Flash BIOS voltage select 12 volt	JP12	pins 1 & 2 closed
í Flash BIOS write protect enabled	JP13	pins 1 & 2 closed
Flash BIOS write protect disabled	JP13	pins 2 & 3 closed
í Cache type select write through	JP17	Open
Cache type select write back	JP17	pins 1 & 2 closed
í On board mouse enabled	JP28	pins 2 & 3 closed
On board mouse disabled	JP28	pins 1 & 2 closed
í IDE controller IRQ select IRQ14	JP29	pins 1 & 2 closed
IDE controller IRQ select IRQ15	JP29	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 512K x 36	NONE	NONE	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
6MB	(1) 1M x 36	NONE	(1) 512K x 36	NONE
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
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
24MB	(1) 4M x 36	NONE	(1) 2M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
48MB	(1) 2M x 36	(1) 2M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 8M x 36	NONE	(1) 4M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(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) 4M x 36	(1) 4M x 36
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	(2) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(2) 32K x 8
256KB	(4) 64K x 8	NONE	(2) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8	(2) 32K x 8
512KB	(4) 128K x 8	NONE	(2) 32K x 8

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CACHE JUMPER CONFIGURATION		
Size	JP20	JP21
128KB	pins 1 & 2 closed	pins 1 & 2 closed
256KB	pins 1 & 2 closed	pins 2 & 3 closed
256KB	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
512KB	pins 2 & 3 closed	pins 2 & 3, 4 & 5 closed
512KB	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed

CPU TYPE CONFIGURATION		
Type	JP18	JP19
CX486S	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 4 & 5 closed
AMD486SX/SX2	pins 1 & 2, 4 & 5 closed	pins 4 & 5 closed
80486SX/SX2	pins 1 & 2, 4 & 5 closed	pins 1 & 2, 4 & 5 closed
80487SX	pins 1 & 2, 4 & 5 closed	pins 1 & 2, 3 & 4 closed
SL 80486SX/SX2	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 4 & 5 closed
CX486DX/DX2/DX2-V	pins 1 & 2, 4 & 5 closed	pins 1 & 2, 3 & 4 closed
AMD486DX/DX2	pins 1 & 2, 4 & 5 closed	pins 3 & 4 closed
80486DX/DX2	pins 1 & 2, 4 & 5 closed	pins 1 & 2, 3 & 4 closed
SL 80486DX/DX2	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 3 & 4 closed
80486DX4	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 3 & 4 closed
Overdrive	pins 1 & 2, 4 & 5 closed	pins 1 & 2, 3 & 4 closed
SL Overdrive	pins 2 & 3, 4 & 5 closed	pins 1 & 2, 3 & 4 closed
Pentium Overdrive	pins 2 & 3, 5 & 6 closed	pins 1 & 2, 3 & 4 closed

CPU SPEED CONFIGURATION		
Speed	JP25	JP26
25MHz	pins 2 & 3 closed	pins 1 & 2 closed
33MHz	pins 1 & 2 closed	pins 2 & 3 closed
50iMHz	pins 2 & 3 closed	pins 1 & 2 closed
66iMHz	pins 1 & 2 closed	pins 2 & 3 closed
75iMHz	pins 2 & 3 closed	pins 1 & 2 closed
100iMHz	pins 1 & 2 closed	pins 2 & 3 closed

CPU CLOCK SPEED CONFIGURATION (80846DX4)	
Speed	JP17
2x	pins 4 & 5 closed
2.5x	pins 3 & 4 closed
3x	Open
Note: The use of JP17 depends on which CPU is installed. The above setting is used only if a DX4 is installed. Otherwise, use JP17 setting located in the user configurable table.	

BUS SPEED CONFIGURATION	
CPU speed	JP22
<=33MHz	pins 1 & 2 closed
> 33MHz	pins 2 & 3 closed

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CPU VOLTAGE CONFIGURATION		
Voltage	JP30	JP31
3.3 volt (Intel 80486DX4)	pins 1 & 2 closed	pins 2 & 3 closed
3.6 volt (Cyrix DX2-V)	pins 2 & 3 closed	pins 1 & 2 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP23
0 wait states	pins 1 & 2 closed
1 wait state	pins 2 & 3 closed

PCI INTERRUPT CONFIGURATION (IRQ5)		
PCI slot	JP2	JP11
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
PC4	N/A	pins 3 & 4 closed

PCI INTERRUPT CONFIGURATION (IRQ9)		
PCI slot	JP3	JP10
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
PC4	N/A	pins 3 & 4 closed

PCI INTERRUPT CONFIGURATION (IRQ11)		
PCI slot	JP4	JP9
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
PC4	N/A	pins 3 & 4 closed

PCI INTERRUPT CONFIGURATION (IRQ14)		
PCI slot	JP5	JP8
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
PC4	N/A	pins 3 & 4 closed

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PCI INTERRUPT CONFIGURATION (IRQ15)		
PCI slot	JP6	JP7
Default	pins 2 & 3 closed	pins 2 & 3 closed
PC1	pins 1 & 2 closed	N/A
PC2	pins 3 & 4 closed	N/A
PC3	N/A	pins 1 & 2 closed
PC4	N/A	pins 3 & 4 closed