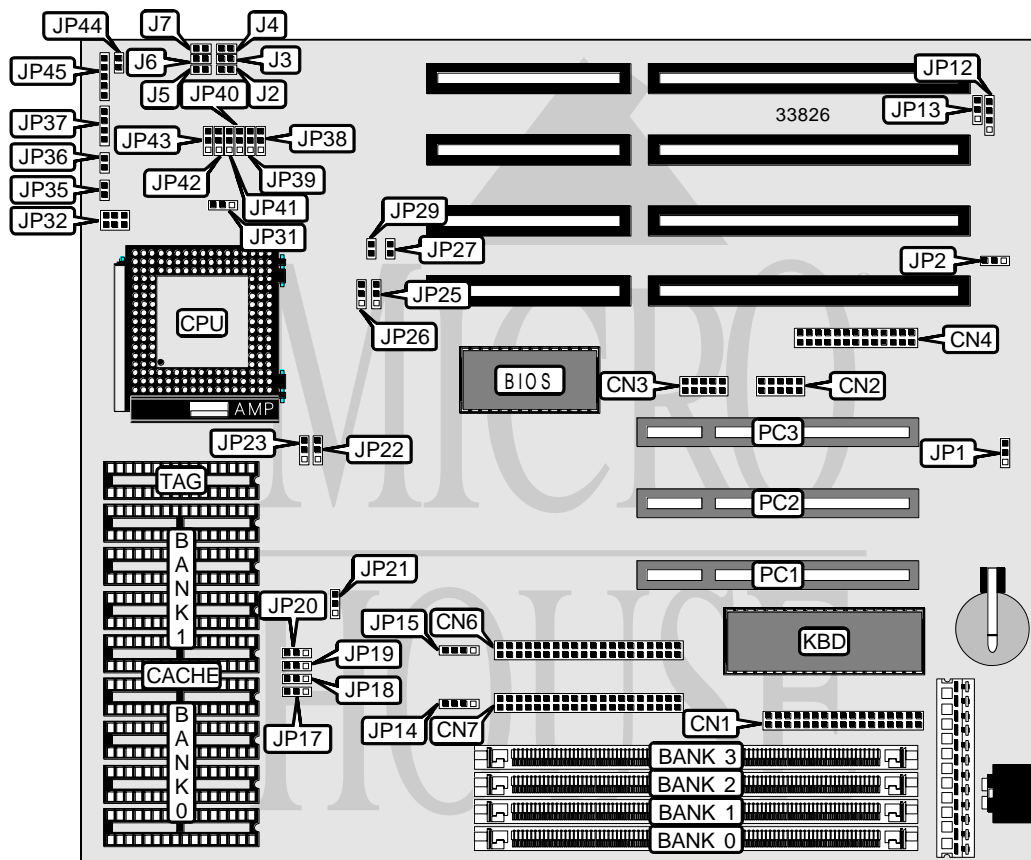


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Processor	80486SX/ODP486/UMCU5S/CX486DX/AM486DX/80486DX/ CX486DX2/CX486DX2V/AM486DX2/80846DX2/CX486DX4/AM486DX4/80486DX4/ P24D/P24T/CX5X86/AMK5
Processor Speed	25/33/40/50(internal)/50/63(internal)/66(internal)/75(internal)/ 80(internal)/83(internal)/100(internal)/120(internal)/133(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	128MB (EDO supported)
Maximum Video Memory	None
Cache	128/256/512/1024KB
BIOS	Award
Dimensions	250mm x 220mm
I/O Options	32-bit PCI slots (3), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Floppy drive interface	CN1	Green PC LED	JP27
Serial port 1	CN2	Green PC connector	JP29
Serial port 2	CN3	Turbo switch	JP35
Parallel port	CN4	Turbo LED	JP36
IDE interface 2	CN6	Speaker	JP37
IDE interface 1	CN7	Reset switch	JP44
External battery	JP12	Power LED & keylock	JP45
IDE interface LED 1	JP14	32-bit PCI slots	PC1 - PC3
IDE interface LED 2	JP15		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP13	Pins 1 & 2 closed
CMOS memory clear	JP13	Pins 2 & 3 closed
í PCI bus clock select CPU clock speed	JP21	Pins 1 & 2 closed
PCI bus clock select 1/2 CPU clock speed	JP21	Pins 2 & 3 closed
í Factory configured - do not alter	JP31	Pins 1 & 2 closed
í Factory configured - do not alter	JP39	Pins 1 & 2 closed
í Factory configured - do not alter	JP40	Pins 1 & 2 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
3MB	(1) 512K x 36	(1) 256K x 36	None	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None	None	None
4MB	(1) 512K x 36	(1) 512K x 36	None	None
5MB	(1) 1M x 36	(1) 256K x 36	None	None
5MB	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	None
6MB	(1) 512K x 36	(1) 1M x 36	None	None
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	None
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
8MB	(1) 1M x 36	(1) 1M x 36	None	None
8MB	(1) 2M x 36	None	None	None
8MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
9MB	(1) 2M x 36	(1) 256K x 36	None	None
10MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	None

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
11MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M x 36	(1) 2M x 36	None	None
12MB	(1) 2M x 36	(1) 1M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	None
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
17MB	(1) 4M x 36	(1) 256K x 36	None	None
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	None
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
20MB	(1) 4M x 36	(1) 1M x 36	None	None
24MB	(1) 2M x 36	(1) 4M x 36	None	None
24MB	(1) 4M x 36	(1) 2M x 36	None	None
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	None
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 4M x 36	(1) 2M x 36	(1) 2M 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
32MB	(1) 8M x 36	None	None	None
33MB	(1) 8M x 36	(1) 256K x 36	None	None
34MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	None
36MB	(1) 8M x 36	(1) 1M x 36	None	None
40MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
40MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	None
40MB	(1) 8M x 36	(1) 2M x 36	None	None
44MB	(1) 8M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	None
48MB	(1) 8M x 36	(1) 4M x 36	None	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
52MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
56MB	(1) 8M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
64MB	(1) 8M x 36	(1) 4M x 36	(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
64MB	(1) 16M x 36	None	None	None
65MB	(1) 16M x 36	(1) 256K x 36	None	None
66MB	(1) 16M x 36	(1) 256K x 36	(1) 256K x 36	None
67MB	(1) 16M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
68MB	(1) 16M x 36	(1) 1M x 36	None	None
72MB	(1) 2M x 36	(1) 16M x 36	None	None

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
72MB	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36	None
72MB	(1) 16M x 36	(1) 2M x 36	None	None
76MB	(1) 16M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
80MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
80MB	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36	None
80MB	(1) 16M x 36	(1) 4M x 36	None	None
88MB	(1) 16M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
96MB	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36	None
96MB	(1) 16M x 36	(1) 8M x 36	None	None
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	None
100MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
104MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
112MB	(1) 16M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M 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
128MB	(1) 16M x 36	(1) 16M x 36	None	None

Note: Board accepts x 32 SIMMs. Banks are interchangeable.

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
512KB (A)	(4) 64K x 8	(4) 64K x 8	(1) 32K x 8
512KB (B)	(4) 128K x 8	NONE	(1) 32K x 8
1MB	(4) 128K x 8	(4) 128K x 8	(1) 64K x 8

CACHE JUMPER CONFIGURATION						
Size	JP17	JP18	JP19	JP20	JP25	JP26
128KB	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2
256KB (A)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2
256KB (B)	1 & 2	2 & 3	1 & 2	1 & 2	2 & 3	1 & 2
512KB (A)	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3
512KB (B)	1 & 2	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3
1MB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

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CPU SPEED SELECTION		
Speed	JP22	JP23
25MHz	Pins 2 & 3 closed	Pins 2 & 3 closed
33MHz	Pins 1 & 2 closed	Pins 1 & 2 closed
40MHz	Pins 1 & 2 closed	Pins 2 & 3 closed
50iMHz	Pins 2 & 3 closed	Pins 2 & 3 closed
50MHz	Pins 2 & 3 closed	Pins 1 & 2 closed
63iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed
66iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed
75iMHz	Pins 2 & 3 closed	Pins 2 & 3 closed
80iMHz	Pins 1 & 2 closed	Pins 2 & 3 closed
83iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed
100iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed
120iMHz	Pins 1 & 2 closed	Pins 2 & 3 closed
133iMHz	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU TYPE SELECTION				
Type	J2	J3	J4	J5
80486SX	Closed	Open	Open	Open
ODP486	Open	Closed	Open	Open
UMCU55	Closed	Open	Open	Open
CX486DX	Open	Closed	Open	Closed
AM486DX	Open	Closed	Open	Open
80486DX	Open	Closed	Open	Open
CX486DX2	Open	Closed	Open	Closed
CX486DX2V	Open	Closed	Open	Closed
AM486DX2	Open	Closed	Open	Open
AM486DX2-80	Open	Closed	Open	Open
80486DX2	Open	Closed	Open	Open
CX486DX4	Open	Closed	Open	Closed
CX486DX4 (P/O)	Open	Open	Open	Open
AM486DX4 (NV8T)	Open	Closed	Open	Open
AM486DX4 (SV8B)	Open	Open	Closed	Open
80486DX4	Open	Closed	Open	Open
80486DX4 (WB)	Open	Open	Closed	Open
P24D	Open	Open	Closed	Open
P24T	Open	Open	Closed	Open
CX5X86	Open	Open	Open	Open
AM X5	Open	Open	Closed	Open

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CPU TYPE SELECTION				
Type	J6	J7	JP42	JP43
80486SX	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
ODP486	Closed	Open	Pins 1 & 2 closed	Pins 2 & 3 closed
UMCU55	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
CX486DX	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
AM486DX	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
80486DX	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
CX486DX2	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
CX486DX2V	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
AM486DX2	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
AM486DX2-80	Closed	Open	Pins 2 & 3 closed	Pins 1 & 2 closed
80486DX2	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
CX486DX4	Open	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
CX486DX4 (P/O)	Open	Closed	Pins 1 & 2 closed	Pins 1 & 2 closed
AM486DX4 (NV8T)	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
AM486DX4 (SV8B)	Open	Closed	Pins 1 & 2 closed	Pins 1 & 2 closed
80486DX4	Closed	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
80486DX4 (WB)	Open	Closed	Pins 1 & 2 closed	Pins 1 & 2 closed
P24D	Open	Closed	Pins 1 & 2 closed	Pins 1 & 2 closed
P24T	Open	Closed	Pins 1 & 2 closed	Pins 2 & 3 closed
CX5X86	Open	Closed	Pins 1 & 2 closed	Pins 1 & 2 closed
AM X5	Open	Closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU MULTIPLIER SELECTION (DX4 ONLY)	
Multiplier	JP41
2x	Pins 2 & 3 closed
3x	Open
4x	Pins 2 & 3 closed

CPU VOLTAGE SELECTION		
Voltage	JP32	JP38
3.3v	Open	Pins 1 & 2 closed
4v	Open	Pins 2 & 3 closed
5v	Pins 1 & 2, 3 & 4, 5 & 6 closed	N/A

DMA CHANNEL SELECTION		
Channel	JP1	JP2
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed