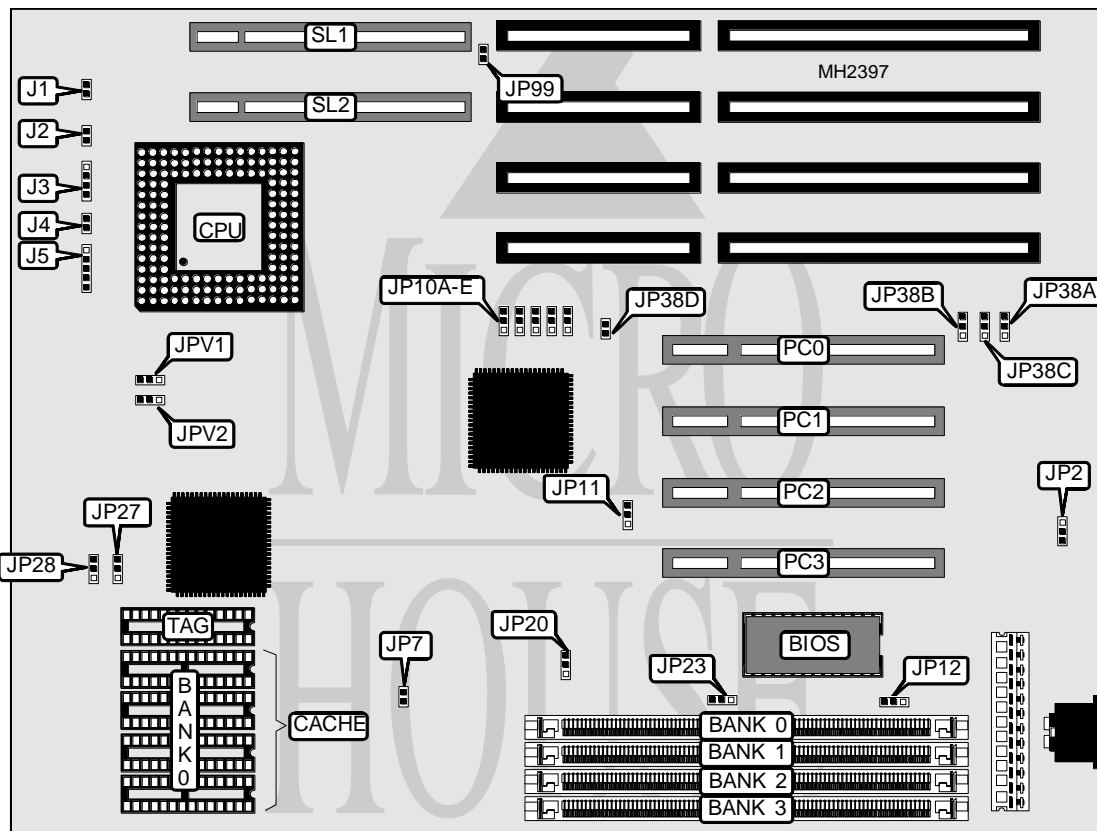


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AM-486VIP / 4VIP3

Processor	AM486DX/CX486DX/80486DX/AM486DX2/CX486DX2/80486DX2/ AM486DX4/80486DX4
Processor Speed	25/33/50(internal)/66(internal)/75(internal)/100(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	64MB
Cache	128/256/512KB
BIOS	AMI/Award/MR
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), 32-bit PCI slots (4), green PC connector (location unidentified)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo switch	J1	Power LED & keylock	J5
Turbo LED	J2	Green PC connector	JP3
Speaker	J3	32-bit PCI slots	PC0 - PC3
Reset switch	J4	32-bit VESA local bus slots	SL1 & SL2

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
1 DRAM bank configuration select 1 SIMM per bank	JP23	pins 1 & 2 closed
DRAM bank configuration select 2 SIMMs per bank	JP23	pins 2 & 3 closed
1 CMOS memory normal operation	JP2	pins 1 & 2 closed
CMOS memory clear	JP2	pins 2 & 3 closed
1 Flash BIOS select 5VDC	JP12	pins 1 & 2 closed
Flash BIOS select 12VDC	JP12	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 512K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	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) 1M x 36	NONE	NONE	NONE
4MB	(1) 512K x 36	(1) 512K x 36	NONE	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
5MB	(1) 1M x 36	(1) 256K x 36	NONE	NONE
5MB	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36	NONE
5MB	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 512K x 36	NONE	NONE
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	NONE
6MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	NONE
6MB	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36
7MB	(1) 1M x 36	(1) 512K x 36	(1) 256K x 36	NONE
7MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
7MB	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36
8MB	(1) 2M x 36	NONE	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36	NONE
8MB	(1) 1M x 36	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36
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
9MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	NONE
9MB	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36
10MB	(1) 2M x 36	(1) 512K x 36	NONE	NONE
10MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	NONE
10MB	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36	NONE
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
10MB	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
11MB	(1) 2M x 36	(1) 512K x 36	(1) 256K x 36	NONE
11MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
11MB	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36	(1) 256K x 36

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DRAM CONFIGURATION CON'T				
Size	Bank 0	Bank 1	Bank 2	Bank 3
12MB	(1) 2M x 36	(1) 1M x 36	NONE	NONE
12MB	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36	NONE
12MB	(1) 2M x 36	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
12MB	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36
13MB	(1) 2M x 36	(1) 1M x 36	(1) 256K x 36	NONE
13MB	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36
13MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36
14MB	(1) 2M x 36	(1) 1M x 36	(1) 512K x 36	NONE
14MB	(1) 2M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
14MB	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
14MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36
15MB	(1) 2M x 36	(1) 1M x 36	(1) 512K x 36	(1) 256K x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 2M x 36	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
17MB	(1) 4M x 36	(1) 256K x 36	NONE	NONE
17MB	(1) 2M x 36	(1) 2M x 36	(1) 256K x 36	NONE
17MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36
18MB	(1) 4M x 36	(1) 512K x 36	NONE	NONE
18MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	NONE
18MB	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36	NONE
18MB	(1) 2M x 36	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36
18MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36
19MB	(1) 4M x 36	(1) 512K x 36	(1) 256K x 36	NONE
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
19MB	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 1M x 36	NONE	NONE
20MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	NONE
20MB	(1) 4M x 36	(1) 512K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	NONE
20MB	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36
20MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
21MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	NONE
21MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	(1) 256K x 36
21MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 256K x 36
22MB	(1) 4M x 36	(1) 1M x 36	(1) 512K x 36	NONE
22MB	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
22MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
22MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 512K x 36
23MB	(1) 4M x 36	(1) 1M x 36	(1) 512K x 36	(1) 256K x 36

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DRAM CONFIGURATION CON'T				
Size	Bank 0	Bank 1	Bank 2	Bank 3
24MB	(1) 4M x 36	(1) 2M x 36	NONE	NONE
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	NONE
24MB	(1) 4M x 36	(1) 1M x 36	(1) 512K x 36	(1) 512K x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
25MB	(1) 4M x 36	(1) 2M x 36	(1) 256K x 36	NONE
25MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36
25MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 256K x 36
26MB	(1) 4M x 36	(1) 2M x 36	(1) 512K x 36	NONE
26MB	(1) 4M x 36	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36
26MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 512K x 36
26MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36
27MB	(1) 4M x 36	(1) 2M x 36	(1) 512K x 36	(1) 256K x 36
28MB	(1) 4M x 36	(1) 2M x 36	(1) 1M x 36	NONE
28MB	(1) 4M x 36	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36
28MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
28MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36
29MB	(1) 4M x 36	(1) 2M x 36	(1) 1M x 36	(1) 256K x 36
30MB	(1) 4M x 36	(1) 2M x 36	(1) 1M x 36	(1) 512K x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	NONE
32MB	(1) 4M x 36	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
33MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	NONE
33MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 256K x 36
34MB	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36	NONE
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
34MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 512K x 36
35MB	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36	(1) 256K x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
36MB	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36
36MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 1M x 36
37MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 256K x 36
38MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 512K x 36
40MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	NONE
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
40MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
41MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 256K x 36
42MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 512K x 36
44MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 1M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36

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DRAM CONFIGURATION CON'T				
Size	Bank 0	Bank 1	Bank 2	Bank 3
49MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36
50MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 512K x 36
52MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36
56MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 2M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36

CACHE CONFIGURATION		
Size	Bank 0	TAG
128KB	(4) 32K x 8	(1) 8K x 8
256KB	(4) 64K x 8	(1) 32K x 8
512KB	(4) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION	
Size	JP20
128KB	pins 1 & 2 closed
256KB	pins 1 & 2 closed
512KB	pins 2 & 3 closed

CPU TYPE CONFIGURATION				
Type	JP11	JPV1	JPV2	JP99
AM486DX	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	Closed
CX486DX	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed	Closed
80486DX	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	Closed
AM486DX2	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	Closed
CX486DX2	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed	Closed
80486DX2	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed	Closed
AM486DX4	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed	Open
80486DX4	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed	Open

CPU SPEED CONFIGURATION			
Speed	JP7	JP27	JP28
25	pins 1 & 2 closed	pins 2 & 3 closed	Closed
33	pins 2 & 3 closed	pins 1 & 2 closed	Open
50i	pins 1 & 2 closed	pins 2 & 3 closed	Closed
66i	pins 2 & 3 closed	pins 1 & 2 closed	Open
75i	pins 1 & 2 closed	pins 2 & 3 closed	Closed
100i	pins 2 & 3 closed	pins 1 & 2 closed	Open

PCI BUS CONFIGURATION			
Trigger	JP38A (PCI 0)	JP38B (PCI 1)	JP38C (PCI 2)
Level	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Edge	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

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IDE CARD SLOT SELECT CONFIGURATION	
Setting	JP38D
Select PCI 3 using IRQ14	Closed
Select ISA or VESA	Open

PCI BUS CONFIGURATION					
Setting	JP10A(IRQ9)	JP10B(IRQ10)	JP10C(IRQ11)	JP10D(IRQ12)	JP10E(IRQ15)
Compliance	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2	pins 1 & 2
Non-compliance	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3	pins 2 & 3
Note: Pins designated should be in the closed position.					