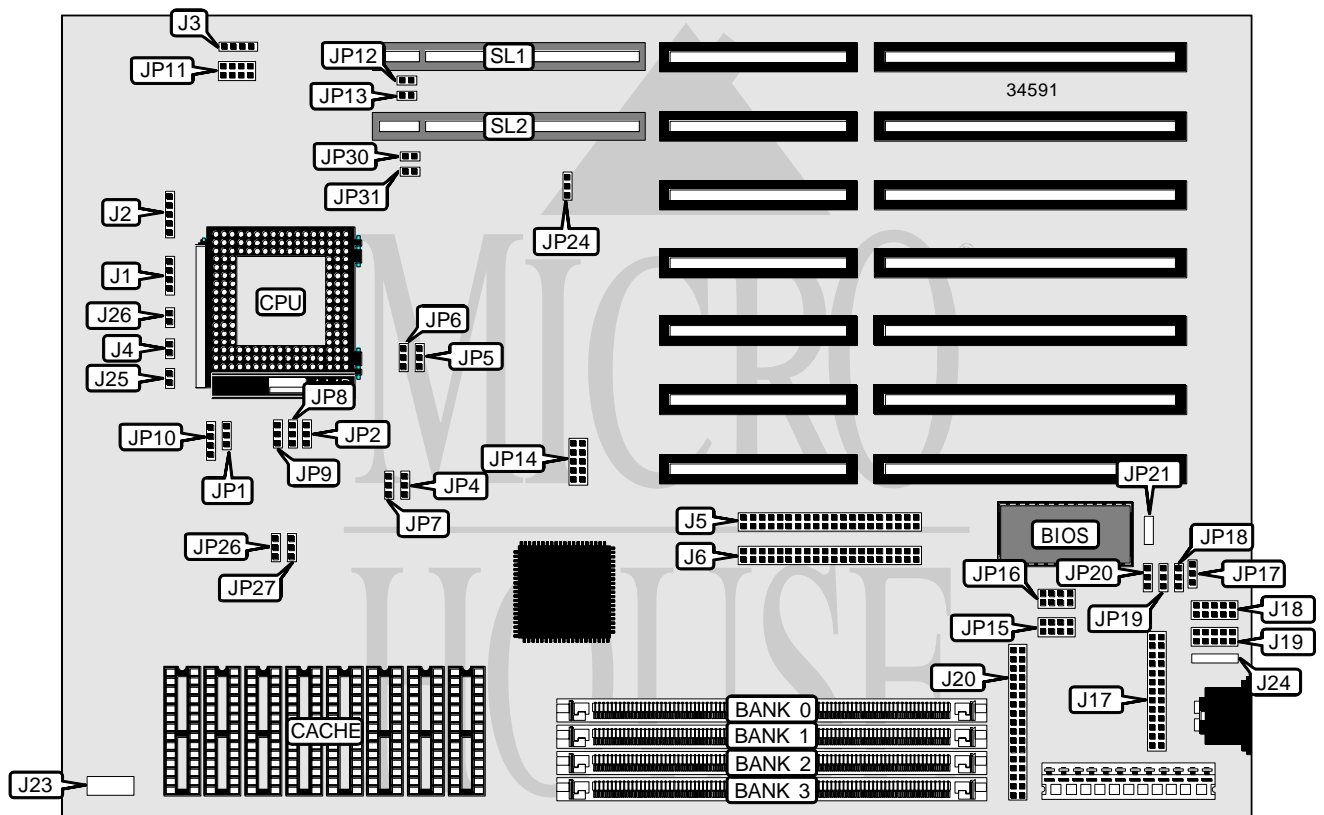


AMERICAN PREDATOR CORPORATION PREDATOR 747

Processor	SL80486SX/80486DX/SL80486DX/AM486DX2/AM486DX4/CX 5X86/ AM 5X86
Processor Speed	20/25/33/40/50(internal)/50/66(internal)/75(internal)/ 100(internal)MHz
Chip Set	C & T
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	128/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	32-bit VESA local bus slots (2), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2)
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	J1	Serial port 1	J19
Power LED & keylock	J2	Floppy drive interface	J20
External battery	J3	Auxiliary keyboard connector	J23
IDE interface LED	J4	PS/2 mouse interface	J24
IDE interface 1	J5	Reset switch	J25
IDE interface 2	J6	Turbo switch	J26
Parallel port	J17	32-bit VESA local bus slots	SL1 & SL2
Serial port 2	J18		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í On board I/O enabled	JP17	Pins 1 & 2 closed
On board I/O disabled	JP17	Pins 2 & 3 closed
í Factory configured - do not alter	JP21	Unidentified
í CMOS memory normal operation	JP24	Pins 1 & 2 closed
CMOS memory clear	JP24	Pins 2 & 3 closed

SIMM 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) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
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) 2M x 36	None	None	None
8MB	(1) 1M x 36	(1) 1M x 36	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) 512K x 36	None	None
11MB	(1) 2M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 2M x 36	(1) 512K x 36	(1) 512K x 36	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
12MB	(1) 1M x 36	(1) 2M x 36	None	None
16MB	(1) 4M x 36	None	None	None
16MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 2M x 36	(1) 2M x 36	None	None

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SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
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
18MB	(1) 4M x 36	(1) 512K x 36	None	None
19MB	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
20MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	None
20MB	(1) 4M x 36	(1) 1M x 36	None	None
20MB	(1) 2M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
22MB	(1) 4M x 36	(1) 512K x 36	(1) 512K x 36	(1) 512K x 36
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	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) 8M x 36	None	None	None
32MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
34MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	None
34MB	(1) 8M x 36	(1) 512K x 36	None	None
35MB	(1) 8M x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 8M x 36	(1) 512K x 36	(1) 512K x 36	None
36MB	(1) 8M x 36	(1) 1M x 36	None	None
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
40MB	(1) 4M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M 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
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) 8M x 36	(1) 8M x 36	None	None
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	None
72MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	None
80MB	(1) 8M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	None
104MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
112MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M 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
128KB	(4) 32K x 8	None
256KB	(4) 32K x 8	(4) 32K x 8

Note: The location of banks 0 & 1 is unidentified.

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CACHE JUMPER CONFIGURATION		
Size	JP26	JP27
128KB	Pins 1 & 2 closed	Pins 2 & 3 closed
256KB	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU SPEED SELECTION	
Speed	JP14
20MHz	Pins 1 & 2 closed
25MHz	Pins 3 & 4 closed
33MHz	Pins 5 & 6 closed
40MHz	Pins 7 & 8 closed
50iMHz	Pins 3 & 4 closed
50MHz	Pins 9 & 10 closed
66iMHz	Pins 5 & 6 closed
75iMHz	Pins 3 & 4 closed
100iMHz	Pins 5 & 6 closed

CPU TYPE SELECTION					
Type	JP1	JP2	JP4	JP5	JP6
SL80486SX	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
80486DX	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
SL80486DX	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
AM486DX2 (NV8T)	2 & 3	3 & 4	1 & 2	2 & 3	2 & 3
AM486DX2 (SV8B)	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
AM486DX4 (SV8B)	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3
CX 5X86	2 & 3	1 & 2	1 & 2	2 & 3	2 & 3
AM 5X86	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE SELECTION (CON'T)					
Type	JP7	JP8	JP9	JP10	JP11
SL80486SX	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
80486DX	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
SL80486DX	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
AM486DX2 (NV8T)	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
AM486DX2 (SV8B)	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2
AM486DX4 (SV8B)	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
CX 5X86	1 & 2	2 & 3	2 & 3	1 & 2	1 & 2
AM 5X86	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

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VL BUS WAIT STATE SELECTION		
Setting	JP12	JP30
0	Open	Open
1	Closed	Closed

VL BUS SPEED SELECTION		
Speed	JP13	JP31
<= 33MHz	Open	Open
>33 MHz	Closed	Closed

DMA CHANNEL SELECTION		
Channel	JP15	JP16
3	Pins 3 & 4 closed	Pins 3 & 4 closed
5	Pins 5 & 6 closed	Pins 5 & 6 closed
6	Pins 7 & 8 closed	Pins 7 & 8 closed
í Disabled	Pins 1 & 2 closed	Pins 1 & 2 closed

SERIAL PORT 1 INTERRUPT SELECTION	
IRQ	JP19
í IRQ4	Pins 1 & 2 closed
IRQ5	Pins 2 & 3 closed
Disabled	Open

SERIAL PORT 2 INTERRUPT SELECTION	
IRQ	JP20
í IRQ3	Pins 1 & 2 closed
IRQ9	Pins 2 & 3 closed
Disabled	Open

PARALLEL PORT INTERRUPT SELECTION	
IRQ	JP18
í IRQ7	Pins 1 & 2 closed
IRQ5	Pins 2 & 3 closed
Disabled	Open