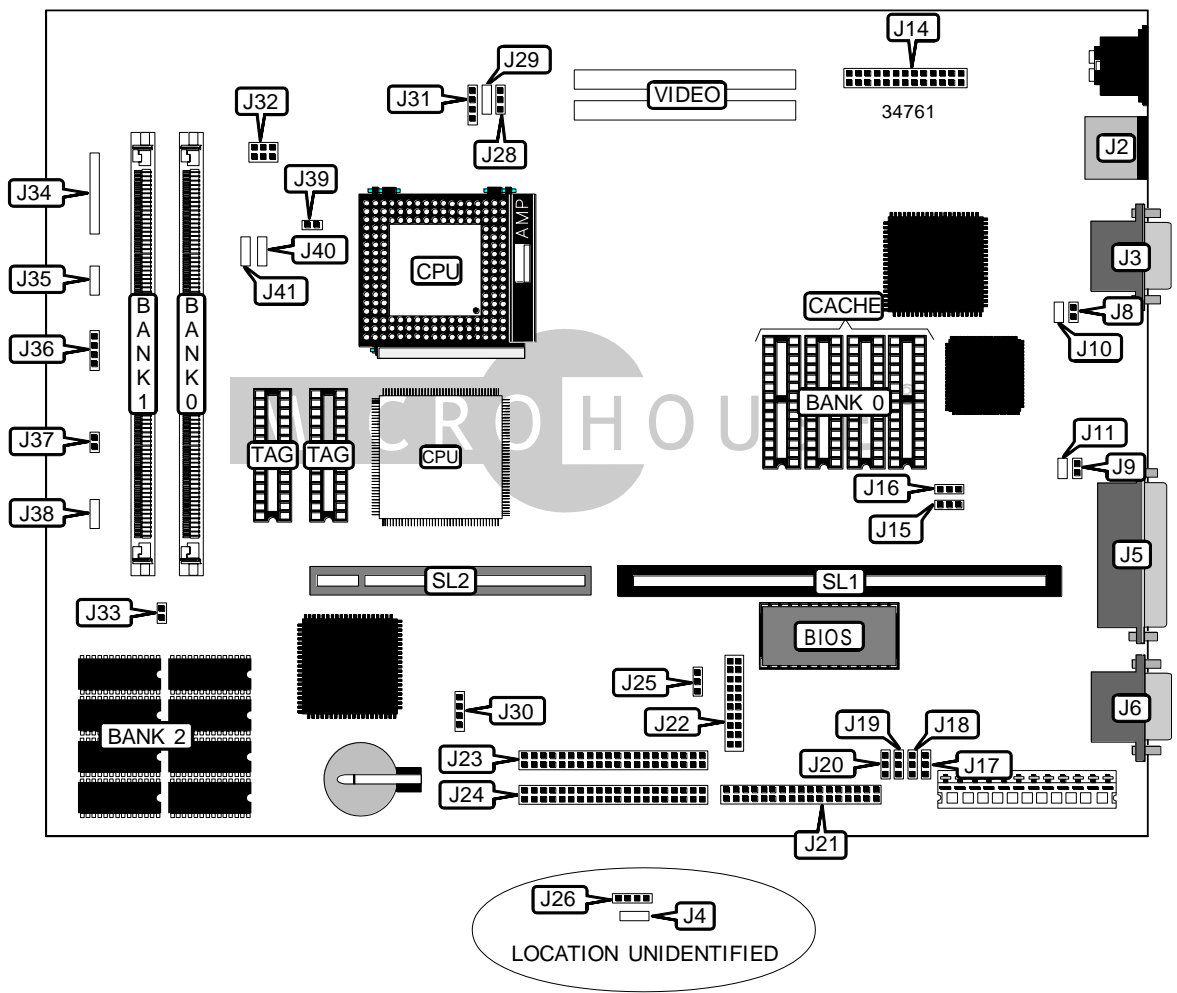


PACKARD BELL 486 MODEL 3X3 SERIES, 4X4 SERIES

Device Type	Mainboard
Processor	80486SX/80486SX2/80486DX/80486DX2/P24T
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	OPTI
Video Chip Set	Cirrus Logic
Maximum Onboard Memory	64MB
Maximum Video Memory	Unidentified
Cache	128/512KB
BIOS	Phoenix
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slot, floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA feature connector, VGA port, riser slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	J2	IDE interface	J23
VGA port	J3	IDE interface	J24
Parallel port	J5	Front panel connector	J34
Serial port 1	J6	Keylock	J35
VGA feature connector	J14	Chassis fan power	J38
Floppy drive interface	J21	Riser slot	SL1
Modem connector	J22	32-bit VESA local bus slot	SL2

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í Factory configured - do not alter	J4	Unidentified
í Monitor type select color	J8	Closed
Monitor type select monochrome	J8	Open
í VGA IRQ9 disabled	J9	Open
VGA IRQ9 enabled	J9	Closed
í Factory configured - do not alter	J10	Unidentified
í Factory configured - do not alter	J11	Unidentified
í Boot block normal operation	J17	Pins 2 & 3 closed
Boot block enabled	J17	Pins 1 & 2 closed
í Parity disabled	J18	Pins 2 & 3 closed
Parity enabled	J18	Pins 1 & 2 closed
í On board video enabled	J19	Pins 2 & 3 closed
On board video disabled	J19	Pins 1 & 2 closed
í On board I/O enabled	J20	Pins 2 & 3 closed
On board I/O disabled	J20	Pins 1 & 2 closed
í Factory configured - do not alter	J29	Unidentified
í On board speaker enabled	J30	Pins 3 & 4 closed
On board speaker disabled	J30	Open
í LDEV# enabled	J33	Closed
LDEV# disabled	J33	Open
í Speaker enabled	J36	Pins 3 & 4 closed
Speaker disabled	J36	Open
í Factory configured - do not alter	J39	Open
í Factory configured - do not alter	J40	Unidentified
í Factory configured - do not alter	J41	Unidentified

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SIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
1MB	(1) 256K x 36	None	4MB
2MB	(1) 512K x 36	None	4MB
2MB	(1) 256K x 36	(1) 256K x 36	4MB
3MB	(1) 512K x 36	(1) 256K x 36	4MB
4MB	(1) 1M x 36	None	4MB
4MB	(1) 512K x 36	(1) 512K x 36	4MB
5MB	(1) 1M x 36	(1) 256K x 36	4MB
6MB	(1) 1M x 36	(1) 512K x 36	4MB
8MB	(1) 2M x 36	None	4MB
8MB	(1) 1M x 36	(1) 1M x 36	4MB
9MB	(1) 2M x 36	(1) 256K x 36	4MB
10MB	(1) 2M x 36	(1) 512K x 36	4MB
12MB	(1) 2M x 36	(1) 1M x 36	4MB
12MB	(1) 1M x 36	(1) 2M x 36	4MB
16MB	(1) 4M x 36	None	4MB
16MB	(1) 2M x 36	(1) 2M x 36	4MB
17MB	(1) 4M x 36	(1) 256K x 36	4MB
18MB	(1) 4M x 36	(1) 512K x 36	4MB
20MB	(1) 4M x 36	(1) 1M x 36	4MB
24MB	(1) 4M x 36	(1) 2M x 36	4MB
32MB	(1) 8M x 36	None	4MB
32MB	(1) 4M x 36	(1) 4M x 36	4MB
33MB	(1) 8M x 36	(1) 256K x 36	4MB
34MB	(1) 8M x 36	(1) 512K x 36	4MB
36MB	(1) 8M x 36	(1) 1M x 36	4MB
40MB	(1) 8M x 36	(1) 2M x 36	4MB
48MB	(1) 8M x 36	(1) 4M x 36	4MB
64MB	(1) 8M x 36	(1) 8M x 36	4MB

Note: If J37 is set to enabled, add 4 MB to the size column to get correct memory size. If 64MB is installed, J37 must be disabled.

ON BOARD MEMORY CONFIGURATION	
Setting	J37
Enabled	Open
Disabled	Closed

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
128KB	(4) 32K x 8	None	Unidentified
512KB	(4) 64K x 8	(4) 64K x 8	Unidentified

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CACHE JUMPER CONFIGURATION	
Size	J26
128KB	Open
512KB	Pins 1 & 2, 3 & 4 closed

VIDEO MEMORY CONFIGURATION
Note: The size of the video memory is unidentified.

CPU SPEED SELECTION	
Speed	J25
25MHz	Pins 1 & 2 closed
33MHz	Pins 2 & 3 closed
50iMHz	Pins 1 & 2 closed
66iMHz	Pins 2 & 3 closed

CPU TYPE SELECTION	
Type	J31
80486SX	Pins 5 & 6 closed
80486SX2	Pins 1 & 2, 3 & 4 closed
80486DX	Pins 1 & 2, 3 & 4 closed
80486DX2	Pins 1 & 2, 3 & 4 closed
P24T	Pins 1 & 2, 3 & 4 closed

CPU TYPE SELECTION	
Type	J28
SL enhanced	Pins 1 & 2 closed
Non SL enhanced	Pins 2 & 3 closed
P24T	Pins 1 & 2 closed

CPU VOLTAGE SELECTION	
Voltage	J32
3.3v	Pins 1 & 3, 2 & 4 closed
5v	Pins 3 & 5, 4 & 6 closed

DMA CHANNEL SELECTION		
Channel	J15	J16
1	Pins 1 & 2 closed	Pins 1 & 2 closed
3	Pins 2 & 3 closed	Pins 2 & 3 closed