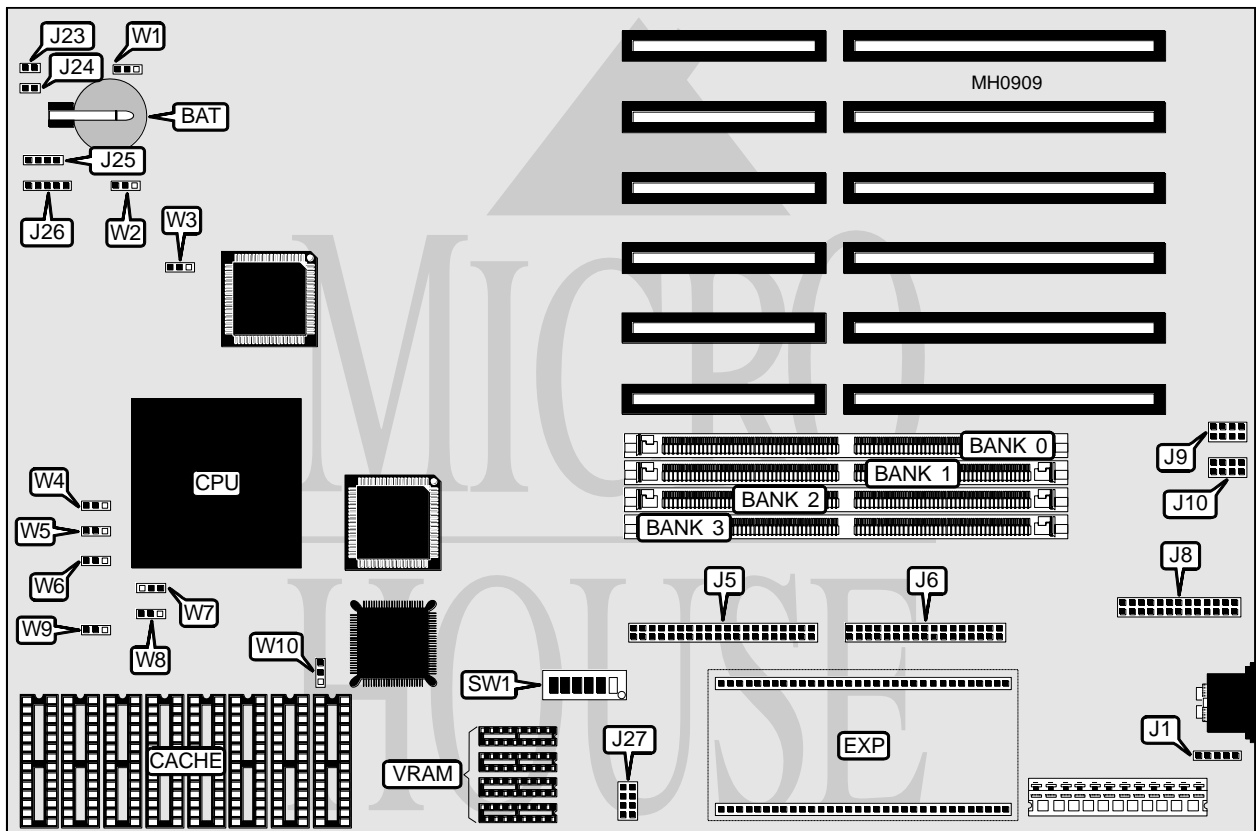


DELL COMPUTER CORPORATION

PRECISION 486SX/25, 486DX/33, 486DX2/50

Processor	80486SX/80487SX/80486DX/80486DX2
Processor Speed	25/33/50MHz
Chip Set	OPTI
Max. Onboard DRAM	64MB
Cache	64/256KB
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	Bus mouse port, floppy interface, IDE interface, parallel port, proprietary expansion module, serial ports (2), VGA port
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Internal battery holder	BAT	Serial port 1	J10
Proprietary expansion module	EXP	IDE interface LED	J23
Bus mouse	J1	Reset switch	J24
IDE interface	J5	Speaker	J25
Floppy drive interface	J6	Power LED & keylock	J26
Parallel port	J8	VGA port	J27
Serial port 2	J9		

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DELL COMPUTER CORPORATION

PRECISION 486SX/25, 486DX/33, 486DX2/50

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USER CONFIGURABLE SETTINGS

Function	Jumper	Position
í Monitor type select color or monochrome VGA	W1	pins 1 & 2 closed
Monitor type select monochrome	W1	pins 2 & 3 closed
í CMOS memory normal operation	W2	pins 1 & 2 closed
CMOS memory clear	W2	pins 2 & 3 closed
í CPU clock source select SYSCLK/1	W3	pins 1 & 2 closed
CPU clock source select SYSCLK/2	W3	pins 2 & 3 closed
í VGA port enabled	W10	pins 1 & 2 closed
VGA port disabled	W10	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) 256K x 36	(1) 256K x 36	NONE	NONE
3MB	(1) 256K 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
5MB	(1) 1M x 36	(1) 256K x 36	NONE	NONE
6MB	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
9MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	NONE
10MB	(1) 1M x 36	(1) 1M x 36	(1) 256K x 36	(1) 256K x 36
12MB	(1) 1M 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) 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
20MB	(1) 4M x 36	(1) 1M x 36	NONE	NONE
24MB	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
33MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	NONE
34MB	(1) 4M x 36	(1) 4M x 36	(1) 256K x 36	(1) 256K x 36
36MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	NONE
40MB	(1) 4M x 36	(1) 4M x 36	(1) 1M x 36	(1) 1M x 36
48MB	(1) 4M 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

CACHE CONFIGURATION

Size	Bank 0
64KB	(8) 8K x 8
256KB	(8) 32K x 8

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DELL COMPUTER CORPORATION

PRECISION 486SX/25, 486DX/33, 486DX2/50

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CACHE JUMPER CONFIGURATION			
Size	W4	W5	W9
64KB	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed
256KB	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed

CPU TYPE CONFIGURATION			
Type	W6	W7	W8
80486SX	pins 2 & 3 closed	pins 2 & 3 closed	Open
80487SX	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
80486DX	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed

VGA REFRESH CONFIGURATION (800 x 600 RESOLUTION)		
Refresh Rate	SW1/1	SW1/2
56Hz	Off	Off
56Hz	On	On
í 60Hz	Off	On
72Hz	On	Off

VGA REFRESH CONFIGURATION (1024 x 768 RESOLUTION)		
Refresh Rate	SW1/3	SW1/4
í Interlaced	Off	Off
60Hz	Off	On
70Hz	On	Off
72Hz	On	On

VGA REFRESH CONFIGURATION	
Refresh Rate	SW1/5
í 31.5Hz horizontal, 60/70Hz vertical	Off
40Hz horizontal, 75/80Hz vertical (see note)	On

Note : Use 75Hz for video modes 0 through 10h and 13h. Use 80Hz for video modes 11h and 12h.

VRAM CONFIGURATION	
Size	Bank 0
í 512KB	NONE
1MB	(4) 44256 ZIPPs

VRAM SWITCH CONFIGURATION	
Size	SW1/6
í 512KB	On
1MB	Off