



Dell 486 V/SV/SDV/DV

Specifications

Processor

- Intel 486SX/486SX2,i487SX,486DX,486DX2,486DX2 OD
- There is no compatibility speed

Memory

- 4MB standard, expands to 64MB

I/O Expansion Slots

- 5-ISA and 2-VL expansion slots

Diskette Drive

- 3.5MB diskette drive

Integrated Features

- 2-serial, parallel, video, keyboard, mouse

Internal Expansion Bays

- 3-user accessible, 2-internal

I/O Architecture

- ISA and VL

Power Supply

- 150 watt

Diagnostics

- Normal Post Diags performed on Power UP of system.
- Dell system support diskette
- Troubleshoot according to errors found during test

CMOS Access

- QAPlus/FE

Tools and Software Requirements

- Flat bladed screwdriver
- Needle nose pliers
- Anti-static wrist strap
- Diagnostics and formatted blank diskettes

System Board Jumper Settings

Jumper	Description	Function
JP1	jumpered*	Turns on VGA
	unjumpered	Turns off VGA
JP2	unjumpered	Reserved
JP3	jumpered	Reserved
JP4	jumpered	Reserved
JP5	jumpered	50MHz 486DX2 microprcssr installed
	unjumpered	33MHz 486SX/486DX or 66MHz 486DX2 installed
JP6	jumpered	33MHz 486SX/486DX or 66MHz 486DX2 installed
	unjumpered	50MHz 486DX2 microprcssr installed
JP7	jumpered	Reserved
JP8	pins 1-2	Single bank of cache mem chips installed
	pins 2-3	Double bank of cache mem chips installed
JP9	pins 1-2	Single bank of cache mem chips installed
	pins 2-3	Double bank of cache mem chips installed
JP10	unjumpered	486SX microprcssr installed in PQFP sckt
	jumpered	486SX microprcssr is not installed in PQFP sckt
JP11	unjumpered	Reserved
JP12	jumpered	256KB cache mem installed
	unjumpered	128KB cache mem or no cache mem installed
JP13	unjumpered	486SX microprcssr installed
	jumpered	486DX or DX2 micrprcssr installed
JP14	unjumpered	486SX microprcssr installed
	pins 1-2	486DX or DX2 micrprcssr installed
JP15	pins 2-3	486SX microprcssr installed
	pins 1-2	486DX or DX2 micrprcssr installed

* Default

Removal Procedures

Before beginning removal complete the following steps.

1. Turn off the computer and any peripheral devices.
2. Disconnect AC power cord from the outlet and system
3. Disconnect all peripheral devices from the computer

System Cover

How to remove the cover

1. Remove 5 screws on back of the cover
2. Pull the cover towards the back of the system
3. Lift off

Field Replaceable Units

Memory	OEM Part	IBM Part
4MB SIMM	30380	22H2930
16MB SIMM	31066	22H2938

Controller	OEM Part	IBM Part
Controller card w/o FDD	47281	22H3171

Internal Hard Drive

Size	OEM Part	IBM Part
1GB DEC	29074	22H2775
700MB	38690	22H3120
450MB	38902	22H2704
170MB	39892	22H3232
230MB Maxtor	41343	22H3233
170MB	44914	22H3122
320MB	44915	22H2791
528MB	47941	22H3209

System Bds.	OEM Part	IBM Part
PLN 425/SV/SDV	49633	22H3244
PLN, 433/SV/SDV	49296	22H3245
PLN, 433/V/DV	49297	22H3246
PLN, 450/V/DV	49298	22H3247
PLN, 466/V/DV	49299	22H3248

Tape Drives	OEM Part	IBM Part
80/20MB	45111	22H3169
80/250 ext	45112	22H3249

CD-ROM Drives	OEM Part	IBM Part
Multispin IDE	43629	22H3117
680MB CD	45556	22H3236

Diskette Drives	OEM Part	IBM Part
1.2MB	37473	22H3230
1.44MB 3.5"	37475	22H3229

Video Boards	OEM Part	IBM Part
2MB VRAM	45071	22H3252
1MB VRAM	49319	22H3250
3MB VRAM	49320	22H3250

Miscellaneous	OEM Part	IBM Part
Power supply	35682	22H3243
24/96bd Internal mdm	27863	22H2741
14.4 internal mdm	46405	22H3234