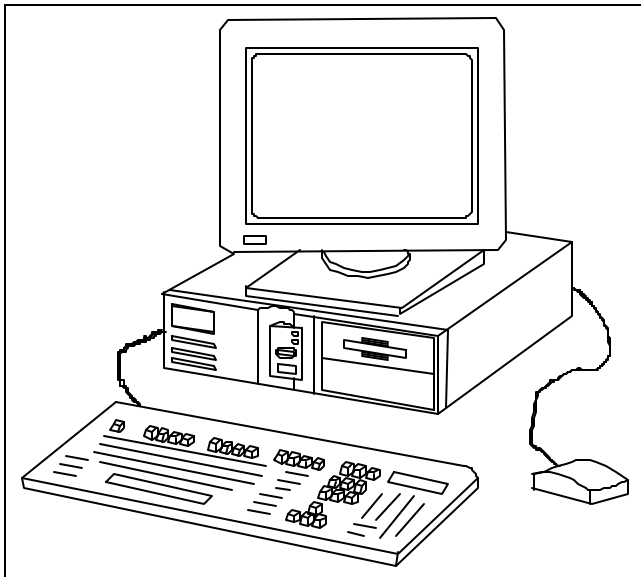


OptiPlex 486/SL ,LE , L, M, ME, MXE



Dell OptiPlex 486/SL, LE, L, M, ME, MXE

Specifications

Processor

- Intel 486SX/25, 486DX/33, 486DX2/50, 486DX2/66MHz

Memory

- 4MB standard, expands to 64MB

I/O Expansion Slots

- 4xx/L(v), 4xxSL(v): 3- full length 16-bit ISA, 1- VESA,
- 4xx/MXE: 5-full length 16-bit ISA slots

Diskette Drive

- 1.44MB diskette drive

Integrated Features

- Parallel, 2-serial, keyboard, VGA

Internal Expansion Bays

- 4xx/L(v), 4xxSL(v): 2-user accessible, 1-internal bays
- 4xx/MXE: 3- user accessible bays, 2 internal

I/O Architecture

- ISA

Power Supply

- 150 Watts

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	Setting	Function
25MHz		External prcrssr is 25MHz
30MHz		Reserved
33MHz		Ext. microprcssr is 33MHz
40MHz		Reserved
SPARE		Reserved
VGA	jumpered * unjumpered	Turns on built-in VGA Turns off built-in VGA
FEATR		Reserved
IOADDR	jumpered* unjumpered	I/O address is 26Eh-26Fh I/O address is 398h-399h
PSWD	jumpered* unjumpered	Password on Password off
UPGR	jumpered unjumpered	Microprcssr installed Microprcssr in PQFP sckt.
BIOS	jumpered * unjumpered	Flash BIOS updated by disk Flash BIOS can't update
BOOT		Reserved
CRDBIOS		Reserved
PS/2_MSE	jumpered * unjumpered	PS/2 mouse port IRQ12 on PS/2 mouse port is off
IDE_IO		Reserved
VL1	jumpered unjumpered	VESA riser card not installed VESA riser card installed
VL2	jumpered unjumpered	VESA riser card not installed VESA riser card installed
VL_OWS	unjumpered	Reserved(on riser card)

* 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. Unscrew 2 thumbscrews on back panel of CPU
2. Unscrew 3 thumbscrews on back w/ 486MXE model
3. Slide cover forward and lift up off of chassis

Field Replaceable Units

Memory	OEM Part	IBM Part
4MB SIMM	38393	22H2932
8MB SIMM	31520	22H2933
1MB X 32	35234	22H2934
8MB SIMM	38394	22H2935
4MB X 32	35236	22H2936
16MB SIMM	31522	22H2939
32MB SIMM	41227	22H3195

Field Replaceable Units (Continued)

Controller	OEM Part	IBM Part
SCSI PIO	26708	22H2916
CTL,D,S,16B,CC,486/L	31556	22H2912
CTL,TB,150M,WANGTEK	42062	22H2520
SCSI CTRLR,SM,CHASS	14028	22H2917

Internal Hard Drive Size	OEM Part	IBM Part
500MB	19539	22H2706
500MB	22489	22H2707
230MB	25483	22H2880
230MB SCSI	26990	22H2771
170MB	28312	22H2921
80MB	28880	22H2922
120MB	28881	22H2923
1GB	29074	22H2775
80MB IDE	29308	22H2776
320MB	30665	22H2778
80MB IDE,486/L	31470	22H2924
120MB IDE	31472	22H2925
230MB IDE	31476	22H2926
230MB SCSI	31478	22H2927
320MB IDE	31480	22H2928
700MB	35511	22H2929
700MB SCSI	35783	22H2889
340MB	68026	22H3176
540MB	78285	22H3178
1GB IDE	65265	22H3316
200MB	17497	22H2762
50MB	17694	22H2763
170MB	27543	22H2772
330MB	28882	22H3148
120MB	36392	22H3149
230MB	37442	22H2695
700MB	38690	22H3120
340MB IDE	43138	22H3150
1.6GB	43537	22H3151
2GB	46588	22H3152

Miscellaneous	OEM Part	IBM Part
150W PWR SUPPLY (433SL/L)	35220	22H3154
PWR SUPPLY (433L)	41359	22H3154
PWR SUPPLY (433L)	48097	22H3155
150W PWR SUPPLY	31739	22H2945
145W PWR SUPPLY (433LE)	74510	22H3192
224W PWR SUPPLY(433LE)	74511	22H3193

Tape Drives	OEM Part	IBM Part
4GB DAT Int.	19994	22H2739
40/120MB Ext.	27458	22H2556
40/120MB	29826	22H3038
150/250MB tape drive	14861	22H2735
40/120MB Int.	19493	22H3142
2/4GB DAT	16741	22H2808
525MB	28860	68H1326

Diskette Drives	OEM Part	IBM Part
2.88MB	32714	22H2918
2.88MB	32717	22H2919
1.44MB	42756	22H2673
1.44MB	61663	22H2674
1.2MB	38074	22H2920
1.44/1.2MB COMBO	69593	22H2754

Processors Upg.	OEM Part	IBM Part
486DX4/100	06306	37H8590

System Bds.	OEM Part	IBM Part
425/SL	41352	22H3158
433/SL	41353	22H3159
433/L/MX	41354	22H3160
450/L/MX	41355	22H3161
466/L/MX	41356	22H3162
425/SL/MX	74698	22H3164
433/SL/MX	74699	22H3165
433/L/MX	74700	22H3166
450/L/MX	74701	22H3167
466/L/MX	74702	22H3168
SYSTEM BOARD 4100 (433/L)	73067	37H8589
425S/ME	73110	22H3220
433S/ME	73111	2253221
433/LE/MXE/MTE	68347	22H3441
450/LE/MXE/MTE	68343	22H3442
466/LE/MXE/MTE	68349	22H3443
4100/LE/MXE/MTE	68350	22H3444
425/SL	35259	22H2955
433/SL/PQFP	37562	22H2956
433/SL	35260	22H2957
433/SL	48944	22H2958
433/L	35940	22H2959
433/L	49039	22H2960
433/L	38599	22H2961
450/L	35262	22H2962
476/SL	35264	22H2963
450/L	35942	22H2964
466/L	35263	22H2965

CD-ROM Drive	OEM Part	IBM Part
CD-ROM IDE	43629	22H3117
680MB CD KIT	19875	22H2717