



Dell 486T

Specifications

Processor

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

Memory

- 4MB standard, expands to 64MB

I/O Expansion Slots

- 8-full length expansion slots

Diskette Drive

- 1.44MB diskette drive

Integrated Features

- Parallel, 2-serial, keyboard, VGA

Internal Expansion Bays

- 6- externally accessible

I/O Architecture

- ISA

Power Supply

- 240W

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
EPWD	jumpered*	turns on password option
	unjumpered	turns off password option
IOALT	unjumpered	Reserved
	*	
EFLU	jumpered*	Turns on flash upgrade of BIOS
	unjumpered	Turns onwrite protect. f/ BIOS
EVGA	jumpered*	Turns on VGA controller
	unjumpered	turns off VGA controller
JCACHE		sys uses 128KB ext. cache card
33		Mcprocessor ext speed 33MHz
25		Mcprocessor ext speed 25MHz
	* 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 back panel insert
2. Remove screws along the back panel
3. Slide cover back

Field Replaceable Units

Memory	OEM Part	IBM Part
4MB SIMM	30380	22H2930
4MB SIMM, 72 PIN	31518	22H2931
1MB X 32 SIMM	35234	22H2934
4MB SIMM	38393	22H2932
8MB SIMM	31520	22H2933
8MB SIMM	38394	22H2935
16MB SIMM	31066	22H2938
16MB SIMM	31522	22H2939
4MB X 32 SIMM	35236	22H2936
16MB SIMM	38395	22H2937
512KVRAM	30522	22H2940
512K VRAM	30751	22H2941
Controller	OEM Part	IBM Part
Dell SCSI 16-bit cntl	17748	22H3728
SCSI PIO cntrl sw	25739	22H2858
SCSI PIO	26708	22H2916
CRD ADAPT w/ FD CTL	35837	22H2816
SCSI EISA Ctlr	26427	22H2859
150MB TBU Ctrl	42062	22H2520

Internal Hard Drive

Size	OEM Part	IBM Part
338MB ESDI	42449	22H3011
664MB ESDI	42448	22H3012
650MB ESDI	62995	22H3013
50MB IDE	18865	22H3014
80MB IDE	62998	22H3015
80MB	31470	22H2924
80MB IDE	29834	22H2682
120MB IDE	25494	22H3016
170MB IDE	29856	22H3099
230MB IDE	31476	22H2926
230MB	37443	22H3100
500MB Maxtor	19540	22H2875
500MB	35058	22H3101
500MB Generic	35801	22H3102
500MB IDE	37513	22H3020
330MB SCSI	43127	22H2711
700MB SCSI	35783	22H2889
1.4GB	19866	22H2873
1GB	38591	22H3103

System Bds.

	OEM Part	IBM Part
486T Planar board	28969	22H3109
433/T	35443	22H3110
433/T	35444	22H3111
450/T	35445	22H3112
450/T	35446	22H3113
466/T	35447	22H3114
466/T	35448	22H3115

Processor Cards

	OEM Part	IBM Part
486T 50DX2	34301	22H3427
486T 66DX2	27217	22H3296

Cache Cards

	OEM Part	IBM Part
128K Cache card	33883	22H3040

Tape Drives

	OEM Part	IBM Part
40/120MB TBU	14079	22H3106
40-120MB Int.	19493	22H3142
40/120MB Ext	27458	22H2556
150/250MB Internal TBU	42757	22H2736
250MB TBU	14861	22H2735
2GB DAT	16741	22H2808
525MB	28860	68H1326
2GB DAT	22715	22H2903
4GB DAT Internal	19994	22H2739

Diskette Drives

	OEM Part	IBM Part
2.88MB	31103	22H2867
3.5 (5.25)	42756	22H2673
5.25	40155	22H3146
3.5/5.25 combo	27952	48H9208
2.88MB	32717	22H2919
1.44MB	63629	22H3010
1.2MB	38074	22H2920

Cables

	OEM Part	IBM Part
Adapter SCSI 50P M/F	17817	22H2812
Serial	30497	48H9846
Reset button	30499	48H9847
Power 6ft	40079	22H2567
Data ESDI	42935	66H9801
Parallel printer 6'	40019	55H1157
Hard drive ESDI	42937	49H1551
Hard drive Cntl IDE	42943	66H9802

Miscellaneous

	OEM Part	IBM Part
240W power supply	37037	22H3105
240W	30438	48H9844
2400BPS MDM, MNP, V.42	43154	22H2740
MDM, V.32	29801	22H2822
14.4KB Internal MDM	30855	22H2952
4.5V alkaline	20409	48H7821