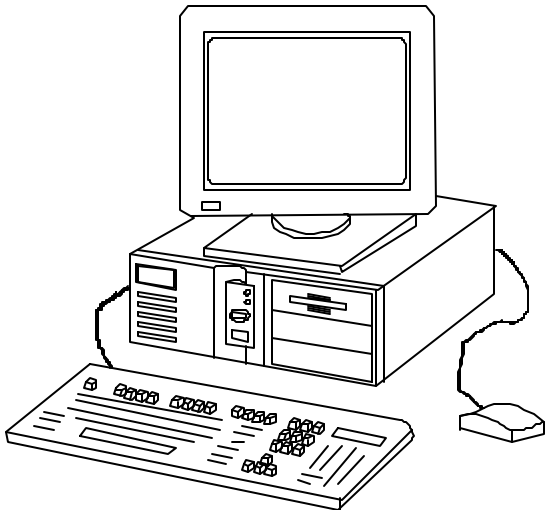


## OptiPlex 586/XL/MDT/MT/XMT



Dell OptiPlex 586/XL/MDT/MT/XMT

## SPECIFICATIONS

## Processor

- **586XL:** Intel Pentium 75/50MHz, 90/60MHz
- **XMT/XM:** Intel Pentium 90,100,120,133,150,160MHz

## Memory

- 8MB standard, expands to 64MB, XMT: 8 to 128MB

## I/O Expansion Slots

- **XL:** 2-16 bit ISA, 1-PCI/ISA, XMT: 6-16 bit, 2-PCI/ISA
- **XM:** 2-16 bit ISA, 2-ISA/PCI

## Diskette Drive

- 1.44MB diskette drive

## Integrated Features

- Parallel, 2-serial, keyboard, VGA, **XMT/XM:** NIC

## Internal Expansion Bays

- **XL:** 2-user accessible, 1-internal
- **XM/XMT:** 4-user accessible, 2-internal
- **XM:** 3-user accessible, 2-internal

## I/O Architecture

- ISA and PCI

## Power Supply

- XL/XM: 145W
- XMT: 230W

## 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 Dell  
Optiplex XL

Jumper	Setting	Function
50MHz	unjumpered	Mcrprcssr speed 50MHz
60MHz	jumpered*	Mcrprcssr speed 60MHz
66MHz	unjumpered	Mcrprcssr speed 66MHz
Bus_Fre q	unjumpered*	Mcrprcssr spd 2/3 of int.
CrdbIOS		Reserved
PSWD	jumpered* unjumpered	Password on Password off

\* Default , The microprocessor speeds are external speeds

System Board/Jumper Settings Dell  
Optiplex XMT

Jumper	Setting	Function
NICRST	unjumpered* jumpered	3COM sw to config. NIC Clears EPROM re: NIC
75		Reserved
90		Mcrprcssr int speed 90MHz
100		Mcrprcssr int spd 100MHz
120		Mcrprcssr int spd 120MHz
133		Mcrprcssrs int spd 133MHz
150		Mcrprcssrs int spd 150MHz
PSWD	jumpered* unjumpered	Password on Password off
BIOS		Reserved

\* Default

System Board/Jumper Settings Dell  
Optiplex XM

Jumper	Setting	Function
75	unjumpered	Reserved
90	unjumpered	Mcrprcssrs int speed 90MHz
100	unjumpered	Mcrprcssrs int spd 100MHz
120	unjumpered	Mcrprcssrs int spd 120MHz
133	unjumpered	Mcrprcssrs int spd 133MHz
150	unjumpered	Mcrprcssrs int spd 150MHz
RSV1	unjumpered	Mcrprcssrs int spd 166MHz
BIOS	unjumpered* jumpered	BIOS operates normally BIOS written from diskette
NICRST	unjumpered* jumpered	Normal operation Clears info EPROM re: NIC
PSWD	jumpered* unjumpered	Password on Password off

\* 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

### Removal For System Cover:

#### Optiplex XL:

How to remove the cover:

1. Turn keylock to horizontal position
2. Loosen 2 thumbscrews on back of the CPU
3. Slide the cover forward until it stops.
4. Lift the cover straight up and off of the chassis

#### Optiplex XMT:

How to remove the cover:

1. Turn the keylock to the vertical position
2. Remove the thumbscrew that secure the top cover panel cover on the back of the computer
3. Slide the cover back until it stops, and lift it straight off of the chassis
4. Remove the thumbscrews that secure the side cover panels.
5. To remove each side cover panel, slide the panel approximately one-half inch toward the back of the system unit.
6. Pivot it out a few inches, disengage the tabs at the bottom, and lift off the panel away from the chassis

## Field Replaceable Units

Memory	OEM Part	IBM Part
64MB SIMM	04386	62H4998
512K CACHE MOD.	06817	62H4999
4MB SIMM	30380	22H2930
8MB SIMM	38424	22H3194
16MB SIMM	47047	22H3196
32MB SIMM	41227	22H3195

Controller	OEM Part	IBM Part
Controller CD no FDD	47281	22H3171
PCI/SCSI	68855	62H4993
ISA Controller card	73520	22H3172

Diskette Drives	OEM Part	IBM Part
1.44MB	63860	55H2113
1.44MB 3 Mode	79788	22H3403
FD,D,F5,HH,NN,EPSN	10937	22H3173
FD,3H,F3,HH,NN	38621	22H3174

System Bds.	OEM Part	IBM Part
5100XL/XM/XMT	03489	62H5000
575/XL/XM/XMT	03517	62H0880
5120/XL/XM/XMT	06162	62H5002
590/XL/XM/XMT	68419	22H3198
5133/XL/XM/XMT	08878	62H5005

Internal Hard Drive Size	OEM Part	IBM Part
1GB IDE	65265	22H3316
540MB IDE	68028	62H4994
500MB	69090	62H4995
2GB	78573	22H3429
340MB (XL)	68026	22H3176
1GB (XL)	71441	22H3177
540MB (XL)	78285	22H3178

Processors Upg.	OEM Part	IBM Part
Pentium 75MHz	06105	62H5001
Pentium 120MHz	09913	62H5003
Pentium 90MHz	06104	62H5004
Pentium 133MHz	08607	62H5006

Tape Drives	OEM Part	IBM Part
80/250MB TBU	10941	22H3205

CD-ROM Drive	OEM Part	IBM Part
CD-ROM IDE	43629	22H3117
CD-ROM IDE	04251	62H4990

Miscellaneous	OEM Part	IBM Part
145W PWR SUPPLY	74510	22H3192
Lithium battery	08366	62H5008