



Dell 325/333P

## Specifications

### Processor

- Intel 80386 DX/25MHz/33MHz

### Memory

- 2MB standard, expands to 16MB

### I/O Expansion Slots

- 3/16-Bit expansion slots

### Diskette Drive

- 1.2MB diskette drive

### Integrated Features

- Parallel, 2-serial, keyboard, VGA

### Internal Expansion Bays

- 2-user accessible bays, 1-internal bays

### I/O Architecture

- Industry Standard Architecture ISA

### Power Supply

- 85 or 100 Watts

### Diagnostics

- Normal Post Diags performed on Power UP of system.
- Dell system support diskette or QAPLUS/FE
- 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
WSP2	uninstalled*	Reserved
MOCO	installed* uninstalled	On-board VGA color On-board VGA mono
MNT	uninstalled*	Reserved
EPWD	installed* uninstalled	Password on Password off
PIDE	installed* uninstalled	Boot from 1st IDE drive Boot from 2nd IDE drive
SIDE	installed uninstalled*	Primary IDE cntrl on card Primary IDE cntrl on sys. bd.
MSYC	installed uninstalled*	Multisync monitor used No Multisync monitor used
VIRQ	installed uninstalled*	VGA uses IRQ9 VGA does not use IRQ9
NIDE	installed* uninstalled	New IDE drive being used Older IDE drive being used
OIDE	installed uninstalled*	Older IDE drive installed Newer IDE drive installed
EVGA	installed* uninstalled	VGA turned on VGA off
AROM	uninstalled*	Reserved

\* 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. Unlock the security key lock horizontal position
2. Loosen 5 thumbscrews counterclockwise
3. Pull the cover towards the front of the system

## Field Replaceable Units

Memory	OEM Part	IBM Part
1MB SIMM	22202	22H3600
1MB SIMM	22204	22H3600
4MB SIMM	25191	22H3599
4MB SIMM	22175	48H8201

Controller	OEM Part	IBM Part
IDE Dual Cntl	60548	49H3809
SCSI PIO Cntrlr	25739	22H2858
SCSI Ctlr	35837	22H2816
Dual 1003V-MM2	42059	48H2558
150MB TBU	42062	22H2520
FD Ext 5.25 w/ int cbl	41776	22H3697

Internal Hard Drive Size	OEM Part	IBM Part
40MB IDE	18814	22H3593
40MB IDE	42081	47H3875
50MB IDE	17694	49H7627
80MB IDE	19879	22H2759
80MB IDE	29278	49H3951
80MB IDE (GNRC)	28880	22H3595
80MB IDE	43201	68H2693
100MB IDE	19881	47H3863
100MB IDE	43203	68H2694
100MB IDE	43322	49H6323
120MB IDE	27546	22H3594
120MB GNRC	28881	22H2885
170MB IDE	27543	22H2773
200MB IDE	17497	22H2762
230MB IDE Maxtor	32813	49H0102
230MB IDE	23540	22H2767
320MB IDE	30802	22H3291
320MB IDE	30665	47H7591
230MB SCSI	25483	22H2771
1GB SCSI	29074	22H2775

Video Boards	OEM Part	IBM Part
325/33P 316/20SX 512K	22210	55H1130

Miscellaneous	OEM Part	IBM Part
Pwr supply 100W	17912	22H3256
2400bd int modem	43154	22H2740
9600bd int. w/ sw	29801	22H2822
9600 bd external	22300	22H2823
Digitan fax modem	27863	22H2906
4.5v Alkaline	20409	48H7821
Lithium battery	20610	47H4786

System Bds.	OEM Part	IBM Part
325P w/o BIOS/mem	60690	49H3816
325P w/o BIOS/mem	14063	55H1785
325P w/o BIOS/mem	14535	22H3612
325P w/BIOS w/o mem	63627	68H4244
325P w/BIOS w/o mem	16537	22H3614
333P w/o BIOS/mem	60700	68H3983
333P w/BIOS w/o mem	63636	22H3617
333P w/BIOS w/o mem	16538	22H3616
333P w/BIOS w/o mem	18660	22H3615

Microprocessors	OEM Part	IBM Part
80387-25	23196	22H3551

Cache Cards	OEM Part	IBM Part
333P cache card	14100	22H3608
325/33P shunt card	16634	22H2819

Tape Drives	OEM Part	IBM Part
150/250MB tape drive	14861	22H2735
150/250MB external	17392	22H2518
Adapter f/ 40MB int/ext	41650	22H2519
150/250 MB	42757	22H2736
350/525MB Int	14259	22H2738
2/4GB DAT	16741	22H2808
4GB DAT Int.	19994	22H2739
4GB DAT Ext	19992	22H3606
2/4GB DAT ext	16742	22H2809

Diskette Drives	OEM Part	IBM Part
3.5 & 5.25 Combo	27952	48H9208
3.5 Sys 220 w/o cbl	41585	22H2755
3.5 (5.25) w/o cable	42756	22H2673
5.25FS	26590	22H3290

Cables	OEM Part	IBM Part
4 wire Y	40012	49H0670
Data, low profile chassis	42124	49H1511
Floppy drive	14644	48H6783
HD IDE 40 pin dual	41755	49H1390
Hard drive data	41604	49H1284
Keylock microswitch	42123	49H1510
LED low profile chassis	41765	49H1417
LED SDT	43383	49H1588
Parallel printer	40019	55H1157
power extension	42944	49H1553
Power 6ft	40079	22H2567
TBU 40MB ext 34 pin	41788	66H9745