



Dell PowerEdge XE 486 and Pentium

SPECIFICATIONS

Processor

- Intel 486SX/33, 486DX/33, 486DX2/50,66MHz
- Intel Pentium 60/66/90/100MHz

Memory

- **XE486:** 8MB standard, expands to 128MB
- **XE586:** 8MB standard expands to 192MB
- **XE586-2:** 8MB standard, expands to 512MB

I/O Expansion Slots

- **XE486:** 7-full length 32-bit EISA
- **XE586:** 9-full length 32-bit EISA/EISA-PCI

Diskette Drive

- 1.44MB

Integrated Features

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

Internal Expansion Bays

- 4- user accessible, 8-internal

I/O Architecture

- EISA, PCI local bus

Power Supply

- **XE486/XE586:** 300W and 230W
- **XE586-2:** 530W

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
- EISA configuration utility
- Diagnostics and formatted blank diskettes

PowerEdge XE 486 -- Jumper Settings

Jumper	Descr.	Function
CrdBIOS		Reserved
SCSI	jumped* unjumped	Terminates integrated SCSI Integrated SCSI not terminated
EISA	jumped unjumped*	Config settings deleted at boot Config setting saved at boot
BOOT		Reserved
25MHz		Used if microprcssr ext. 25MHz
30MHz		Reserved
33MHz		Used if microprcssr ext 33MHz
40MHz		Reserved
50MHz		Reserved

*Default

PowerEdge XE 586 -- Jumper Settings

Jumper	Description	Function
SCSI	jumped* unjumped	Terminates integrated SCSI Integrated SCSI not terminated
50MHz		Reserved
60MHz		Used if microprcssr ext 60MHz
66MHz		Used if microprcssr ext 66MHz
AUDIO	unjumped	Reserved
CrdBIOS		Reserved
EISA	jumped unjumped*	Config settings deleted at boot Config setting saved at boot
BOOT		Reserved

*Default

PowerEdge XE -- Configuration Switches

Switch	Status	Function
VGA	ON*	Turns on built in VGA
	OFF	Turns off built in VGA
PASS	ON*	Password feature is on
	OFF	Password feature is off
IOADD	ON*	I/O ctrlr uses 26Eh-26Fh
	OFF	I/O ctrlr uses 398h-399h
BIOS	ON*	Flash BIOS can be updated
	OFF	Flash BIOS can't be updated

* 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 outlet and system
3. Disconnect all peripheral devices from computer

System Cover

How to remove the cover:

PowerEdge XE 486:

1. Unlock the security key lock
2. Slide the cover forward an inch or so
3. Grasp the top of the cover at both ends
5. Lift it straight off of the chassis

PowerEdge XE 586:

1. Unlock the keylock
2. Unscrew the 3 cover mounting screws on the back
3. Slide the cover forward an inch
4. Grasp the top of the cover at both ends
5. Lift it straight off of the chassis

*Warning: The power supplies in the system produce high voltages and energy hazards

Field Replaceable Units

Memory	OEM Part	IBM Part
4MB SIMM	30346	22H3126
4MB SIMM	34794	22H3028
8MB SIMM	30401	22H3128
8MB SIMM	34795	22H3029
32MB SIMM	41227	22H3195
16MB SIMM	44219	22H3226

Controller	OEM Part	IBM Part
Adapter 1740A, E/S	36325	22H2863
HD,E/S,32B	74548	22H3389

Internal Hard Drive Size	OEM Part	IBM Part
330MB	28882	22H3148
1GB	29074	22H2775
1GB	69089	22H3317
700MB	38690	22H3120
1.6GB	43537	22H3151
2GB, S, F3	46588	22H3152
2GB	78573	22H3429
2GB	76343	22H3405
330MB Maxtor	47107	22H3021
500MB	71442	22H3301

System Bds.	OEM Part	IBM Part
PLN, 433/ OM/ SP/ XE	74903	22H3423
PLN, 450/OM/SP/XE	74904	22H3425
PLN, 4XX/EP, 4XX SP	71436	22H3219
PLN, 466/OM/SP/XE	74905	22H3428
PLN, SP/XE 560	41254	22H3398
PLN, SP/XE 566	41255	22H3399
PLN, SP/XE 590	65211	22H3412
PLN, SP/XE 5100	65212	22H3414
PLN, P54C/P54CM	77713	22H3413

Tape Drives	OEM Part	IBM Part
250MB	14861	22H2735
2GB DAT, Int	16741	22H2808
2GB DAT, ext	22831	22H3222
40/120MB	39828	22H3038
80/250MB	45111	22H3169
525MB	49886	22H3223
4/8GB, F5, DDS2/DAT, INT	10945	22H3416
4/8GB, DDS2/DAT, ALOAD	10946	22H3332
80/250MB ext	45112	22H3249
20GB INT	76036	22H3418

CD ROM Drives	OEM Part	IBM Part
IDE Multi-Spin	43629	22H3117
680MB CD ROM	45556	22H3236
680MB CD ROM	73319	22H3388

Diskette Drives	OEM Part	IBM Part
FD, 3H, F3, HH, NN	24524	22H3208
FD, 5H, F5, HH, NN	26590	22H3290
FD, 2.88M, F3, HH	31102	22H3145
1.44MB 3 MODE	79788	22H3403

Video Boards	OEM Part	IBM Part
PCI, 3MB VRAM CARD	46601	22H3335
PCI, 1MB VRAM CARD	73569	22H3336

Microprocessors	OEM Part	IBM Part
80486-33 D-STEP	16344	22H3424
80486DX2-50	29585	22H3426
80486DX2-66	27217	22H3296
P54CM	71828	22H3410
P5 CPU, 90MHz	75446	22H3325
P54C, 100MHz	76515	22H3415
P54CM/C w/ heatsink	78863	22H3431

Miscellaneous	OEM Part	IBM Part
Power supply 300W	46351	22H3419
Power supply 230W	46352	22H3420
14.4K, int. modem	48682	22H3406
24/96 bd. internal modem	27863	22H2741
14.4, int. modem	72995	22H3180