NEXTSTEP for Intel Processors

Title: Dell Dimension XPS 450V
Entry Number: 1522
Last Updated: <<Date June 13 1995>>

Product Vendor:

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Keywords: Dell, Dimension, XPS, ISA, VESA, LocalBus, S3, #9, GXE, 928

Disclaimer:

Overview

The Dell Dimension XPS 450V includes a Intel 486 processor at 50Mhz, two VESA Localbus slots, and five ISA slots. It provides up to 1024 x 768 in 16 bit color and 1280 x 1024 in 8 bit grayscale with a #9 GXE graphics adapter.

System Configuration

System CPU Board(s)
    Dell Dimension XPS 450V
CPU Type(s) & Speed(s)
    50MHz Intel 80486
System RAM
    16MB minimum (color), 8MB minimum (grayscale)
IDE Controller(s)
    Integrated
SCSI Controller(s)
    Adaptec 1542CF
SCSI CD-ROM Drive(s)
    NEC MultiSpin model # CDR-74-1 (External)
Hard Drive(s)
    431MB IDE - Seagate Model ST3550A
Floppy Drive(s)
    Integrated 1.44MB 3.5"
Graphics Adapter(s)
    #9 GXE

Serial Port(s)
    Integrated, COM1,COM2
Parallel Port(s)
    Integrated, LPT2
Keyboard(s)
    Dell, PS/2 interface
Mice and Other Pointing Devices
    Logitech, PS/2 interface
LAN Adapter(s)
    Intel EtherExpress 16
Sound Card(s)
    ProAudio Spectrum 16
Monitor(s)
    Dell UltraScan 17FS-N model # VC7N

Tested under NEXTSTEP for Intel Processors Release 3.2
Hardware Configuration Information

Dell Dimension XPS 450V
    Type(s): Desktop
    Model Number(s): **Dimension XPS 450V**

System CPU Board(s)
    Dell Dimension XPS 450V
        BIOS Version: PhoenixBIOS
        BIOS Revision Number: 0.10 A01

CPU Type(s) & Speed(s)
    50MHz Intel 80486

System RAM

16MB minimum (color), 8MB minimum (grayscale)

IDE Controller(s)
        Integrated

SCSI Controller(s)
        Adaptec 1542CF
                Interface: ISA adapter
                BIOS Revision Number: 1.02
                Firmware Revision Number(s):
                        534001-00 E (slot U5)
                        534201-00 E (slot U15)
                        533600-01 F (surface mount U10)

SCSI CD-ROM Drive(s)
        NEC MultiSpin (External)
                Model Number: CDR-74-1

Hard Drive(s)
        452MB IDE - Seagate model #ST3550A

Floppy Drive(s)
        Integrated 1.44MB 3.5"

Graphics Adapter(s)
        #9GXE
                Interface: VLB (slot 7)
                BIOS Revision Number: 1.13.03S
                Chipset: S3 P86C928
                RAMDAC: Brooktree Bt948KPJ135
                VRAM: 2MB

Serial Port(s)
    Integrated, COM1,COM2

Parallel Port(s)
    Integrated, LPT2

Keyboard(s)
    Dell, PS/2 Interface
    Model Number: SK-1000RS

Mice and Other Pointing Devices
    Logitech, PS/2 interface
        Model Number: M-SR14-6MD

LAN Adapter(s)
    Intel EtherExpress 16
        Interface: ISA adapter
        Connectors: BNC, AUI

Sound Card(s)
    ProAudio Spectrum 16

Monitor(s)
    Dell UltraScan 17FS-N
        Model Number: VC7N

Known Problems:

Releases 3.1 and 3.2:

·   The standard mouse that Dell ships with this system is incompatible with the NEXTSTEP mouse driver. **Request the optional Microsoft mouse when ordering this system.**

·   There is a known incompatibility with the firmware found in Seagate IDE drive model number ST3550a

when used with NEXTSTEP 3.1 and 3.2. This error manifests during installation when a sequence of IDE error messages occur and installation stops.   The error "Disk initialization failed" is then reported.

A firmware upgrade to fix this problem is available through Seagate.   Call 408-438-8222 to find the location of the nearest sales office.   Model ST3550a requires firmware update 9581..

Systems purchased from Dell with these hard drive models are supported directly by Dell.   Contact their support organizations for assistance.