

Certified by NeXT

NEXTSTEP for Intel Processors

Title: DEC 466d2 MTE

Entry Number: 1459

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Last Updated: <<Date July 21 1995>>

Product Vendor:

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Keywords: DEC, MTE, D2, S3, 928, EISA, VESA

Explanation of Certification

To ensure a high level of compatibility and support for PC-compatible system configurations, NeXT has developed a process for comprehensively testing specific configurations for compatibility with NEXTSTEP for Intel Processors.

In this process, the NeXT Quality Assurance group subjects each specific system configuration to a

suite of compatibility tests. If a system configuration passes the test suite, it is considered *certified*. Only the manufacturing revisions of a system unit and its add-on cards listed in the NeXTAnswer are considered certified. Once a configuration is certified, NeXT creates a detailed NeXTanswers document (like this one) that lists the specific configuration tested, plus any setup information required to configure the system for NEXTSTEP.

Because of the detailed information that's available on certified configurations, NeXT delivers the best technical support on them. Keep in mind that a system platform might be loosely referred to as "certified" if it has one or more certified configurations, but all the benefits of certification are available only to users of the specific certified configurations.

Note: NeXT certification does not necessarily mean a configuration is error-free. Certified systems may contain detected or undetected compatibility problems.

Overview:

The DEC MTE includes a Intel 486 processor at 66Mhz and both an EISA bus with six slots and a VESA Localbus with one slot. With 4MB VRAM it provides up to 1280 x 1024 in both 16 bit color and 8 bit grayscale via a localbus S3-928 graphics adapter.

Certified Components:

NeXT has certified the following components(*):

System CPU Board(s)

Digital DECpc 466 d2 MTE

CPU Type(s) & Speed(s)

66MHz Intel 80486

System RAM

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

IDE Controller(s)

None

SCSI Controller(s)

Adaptec 1542CF

SCSI CD-ROM Drive(s)

Toshiba CD-ROM (Internal)

Hard Drive(s)

1001MB SCSI - DEC model #RZ26L

Floppy Drive(s)

Integrated 1.44MB 3.5"

Graphics Adapter(s)

Integrated S3 928 with 4MB VRAM

Serial Port(s)

Integrated, COM1,COM2

Parallel Port(s)

Integrated, LPT2

Keyboard(s)

DEC, PS/2 interface

Mice and Other Pointing Devices

DEC, PS/2 interface

LAN Adapter(s)

Intel EtherExpress 16

Sound Card(s)

ProAudio Spectrum 16

Monitor(s)

Digital 17" color - model number #VRC16

(*) Note that only the firmware and hardware revision numbers specified in the "Technical Specification" section below are certified. Occasionally vendors may modify firmware or hardware characteristics without changing model numbers. Only systems with the specified firmware and hardware revision(s) have been certified.

Setup and Installation:

Technical Specification of Certified System

The following information technically defines the specific configuration NeXT certifies.

Tested under NEXTSTEP for Intel Processors Release 3.2

Hardware Configuration Information

Digital DECpc 466 d2 MTE

Type(s): Tower

Model Number(s): 466 d2 MTE

System CPU Board(s)

Digital DECpc 466 d2 MTE

BIOS Version: PhoenixBIOS
BIOS Revision Number: 1.0

CPU Type(s) & Speed(s)

66MHz Intel 80486

System RAM

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

IDE Controller(s)

None

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)

Toshiba CD-ROM (Internal)

Model Number: XM-4101TA 2893

Hard Drive(s)

1001MB SCSI - DEC model #RZ26L

Floppy Drive(s)

Integrated 1.44MB 3.5"

Graphics Adapter(s)

DEC Localbus SVGA

Interface: proprietary

BIOS Revision Number: Quadtel S3 86C928/BT485 VL Bus Enhanced VGA

BIOS. Version 2.13.02

Chipset: S3 928

RAMDAC: Brooktree Bt485KPJ110

VRAM: 4MB

Serial Port(s)

Integrated, COM1,COM2

Parallel Port(s)

Integrated, LPT2

Keyboard(s)

DEC, PS/2 interface
Model Number: PC7XL-AA

Mice and Other Pointing Devices

DEC, PS/2 interface
Model Number: PC7XS-CA

LAN Adapter(s)

Intel EtherExpress 16 (*)
Interface: ISA adapter
Connectors: BNC, AUI

Sound Card(s)

ProAudio Spectrum 16

Monitor(s)

Digital 17" color
Model Number: VRC16

(*) NeXT added this item to the configuration to complete certification.

Known Problems:

- A conflict exists which prevents the DEC MTE from addressing over 48MB RAM when used with the S3 928 card.