Certified by NeXT
NEXTSTEP for Intel Processors

Title: DEC 466d2 MTE
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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.