NEXTSTEP for Intel Processors Tested Compatible System

Title: Intel Advanced/MN

Entry Number: 1980
Last Updated: <<Date August 21 1995>>
Effective Date: August 21 1995
NEXTSTEP Release Tested: 3.3

Product Vendor:
Clearsoft, Inc.

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Explanation of Compatibility Testing
NEXTSTEP Compatible systems are tested by third parties using a test procedure
developed by NeXT.   NeXT approves the use of the "NEXTSTEP Compatible"
designation for these systems based on the completeness of the test results submitted
by these NeXT-trained 3rd parties.

For more detailed information on the NICE program, please refer to NeXTanswers

document 1903_Compatible_Systems_Tested_With_NEXTSTEP.rtf

Note: NeXT accepts no support responsibilities or liability whatsoever for any system authorized to use the "NEXTSTEP Compatible" designation, nor does NeXT represent that their test procedures or training--even if followed exactly by the 3rd party performing the test work--are in any way complete or exhaustive. Known or unknown errors may be present in configurations which are designated as "NEXTSTEP Compatible" which could adversely affect the operation of these systems.   Support for compatible systems may be provided by the PC vendor or System integrator.

Tested Components:

Clearsoft reports testing a system configuration consisting of the following components:

Summary information only.   Contact   for more specific configuration information

System CPU Board(s)
```
   CPU:           Intel Pentium
    speed:        75 MHz
   RAM:           40MBMB maximum tested
   ISA slots:     3
   EISA slots:
   PCI slots:     2
   VLB slots:
   PCMCIA slots:
```

SCSI Controller(s)
```
   Manufacturer:   n/a
   Model name:
   Interface Type:
```

CD-ROM Drive(s)
    Manufacturer: Sony
    Model name: CDU55
    Interface Type: ATAPI

Hard Drive(s)
    Manufacturer: Western Digital
    Interface Type: EIDE
    Size: 1600MB

Graphics Adaptor(s)
    Manufacturer: Intel
    Model name: onboard
    Video RAM: 1MB

```
   RAM Type:      DRAM 70nS
   Interface:     PCI (integrated)
```

Serial Port(s)
```
   Ports:         2
   UART:          16C550
```

Parallel Port(s)
```
   on-board, LPT1
```

Keyboard(s)
```
   Manufacturer:  BTC
   Model name:    Professional
   Interface:     PS/AT with PC/2 adaptor
   # of keys:     101
```

Mice and Other Pointing Devices
```
   Manufacturer:   Microsoft
   Model name:     Microsoft Ergonomic
   Interface:      PS/2
```

LAN Adaptor(s)
```
   Manufacturer:   Cogent
   Model name:     eMaster+
   Interface:      PCI
   Connectors:     BNC, AUI, *TP
```

Sound Card(s)
```
   Manufacturer:   n/a
   Model name:
```

```
    Interface:
```

Monitor(s)
```
    Manufacturer:   AST
    Model name:     SVGA
    Size:           14"
    Max resolution: 800x600x72
```

Note that only the specific components listed were tested.

Setup and Installation

Hardware Setup:
See above for individual setup instructions for each adaptor.

CMOS settings:
To Access:
press <F1> during bootup
Settings:
Factory settings (PCI will autoconfigure)

ECU settings (EISA-bus systems only):
n/a

Special installation instructions:
You will need the EIDE/ATAPI driver,
1838_EIDE_Driver.pkg.compressed
available from NeXTanswers or NeXT support

You will need the Generic S3 driver,
1736_S3_Generic_Display_Driver.pkg.compressed
available from NeXTanswers or NeXT support

Driver settings:
Use Configure.app to load and configure the following drivers:
Display
    S3 Generic PCI Display Driver
Network
    Cogent EM960 PCI Ethernet Adapter (ver 3.31)
SCSI
    none
Audio
    none

Other
    EIDE and ATAPI Device Controller (v3.31)
    ISA/EISA Bus Support(ver 3.30)
    PCI Bus Support(ver 3.30)
    PS/2 Style Keyboard (ver 3.30)
    Floppy Disk Drive (ver 3.30)
    On Board Serial Ports (ver 3.30)
    On Board Parallel Port (ver 3.30)

Known Problems

1. Cannot startup in Graphics mode. Set Configure.app, Expert..., Bootup Graphics to "No" to force bootup in verbose mode.
2. Sometimes front-panel soft power-off does not work (in this case, use rear panel hard

power-off).
3. Install ATAPI CD-ROM drive as Slave to Harddisk on primary IDE channel. Do not install as sole Master on secondary IDE as suggested in NextAnswers #1838.

See Also: (None)