

# **NEXTSTEP for Intel Processors Tested Compatible System**

**Title:** Intel Advanced/MN\_100  
**Last Updated:** December 12 1995  
**Effective Date:** December 14th 1995  
**Tested with:** 3.3

**Product Vendor:**  
Clearsoft, Inc.  
2665-168th Ave S.E.

Bellevue, WA 98008-5511  
206/562-9848 (voice)  
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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\_Testing\_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 Clearsoft for more specific configuration information*

**System CPU Board(s)**

CPU: Intel Pentium, 100MHz  
RAM: 40MB maximum tested  
ISA slots: 3  
PCI slots: 2

**SCSI Controller(s)**

Manufacturer: n/a

**CD-ROM Drive(s)**

Manufacturer: Sony  
Model name: CDU55

Interface: ATAPI

Manufacturer: Mitsumi

Model name: FX400

Interface: ATAPI

### **Hard Drive(s)**

Manufacturer: Seagate

Interface: EIDE

Size: 1050 MB

### **Graphics Adaptor(s)**

Manufacturer: Intel

Model name: onboard

Video RAM: 1MB  
RAM Type: DRAM 70nS  
Interface: PCI (integrated)

Manufacturer: Diamond Multimedia  
Model name: Stealth 64 Video  
Video RAM: 2 MB  
RAM Type: VRAM 70nS  
Interface: PCI

### **Serial Port(s)**

Ports: 2  
UART: 16C550

## **Parallel Port(s)**

on-board, LPT1

## **Keyboard(s)**

Manufacturer: Mitsumi

Model name: ZW 101/102

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

*\* Adaptor tested with this connector*

## **Sound Card(s)**

Manufacturer: n/a



## **Monitor(s)**

Manufacturer:	NEC
Model name:	Multisync
Size:	17"
Max resolution:	1600x1200x60Hz

*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 drives)

Boot Options: Floppy, Hard Disk, Num Lock On

Advanced Power Management: Disabled

Plug and Play: IRQ10 Used by ISA Card

## **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, if using the Diamond Stealth video card.

**Driver settings:**

Use Configure.app to load and configure the following drivers:

Display

DiamondStealthDisplayDriver

or

S3 Generic Display Driver

Network

DECchip21040NetworkDriver

SCSI

none

Audio

System Beep

Pointing Device

PS2Mouse

Other

SerialPorts

Floppy Disk

PS2Keyboard  
PCIBus  
EISABus  
EIDE/ATAPI Controller  
Intel824X0  
ParallelPort

### **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)**