

# NEXTSTEP for Intel Processors Tested Compatible System

**Title:** Eclipse Pentium Pro  
**Last Updated:** June 26 1996

**Product Vendor:** Data Net  
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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:

Data Net reports testing a system configuration consisting of the following components:  
*Summary information only. Contact Data Net for more specific configuration information*

## System CPU Board(s)

CPU: Intel Pentium Pro, 200 MHz  
RAM: 64MB maximum tested

## SCSI Controller(s)

Manufacturer: Adaptec  
Model name: 2940  
Interface: PCI

## CD-ROM Drive(s)

Manufacturer: TEAC  
Model name: CD56S  
Interface: SCSI

## Hard Drive(s)

Manufacturer: Hewlett Packard  
Size: 2047

## Graphics Adaptor(s)

Manufacturer: Elsa  
Model name: Winner 2000Pro/X  
Video RAM: 4MB  
RAM Type: VRAM, 60ns  
Interface: PCI

## Serial Port(s)

Ports: 2  
UART: PC87306B

### **Parallel Port(s)**

Ports: 1  
UART: PC87306B

### **Keyboard(s)**

Manufacturer: Maxiswitch  
Model name: Maxitouch keyboard  
Interface: PS/2  
# of keys: 104

### **Mice and Other Pointing Devices**

Manufacturer: Logitech  
Model name: Mouseman Serial-MousePort  
Interface: PS/2

### **LAN Adaptor(s)**

Manufacturer: Cogent  
Model name: Emaster+ PCI  
Interface: PCI  
Connectors: TP\*  
*\* Adaptor tested with this connector*

### **Sound Card(s)**

Manufacturer: Creative Labs  
Model name: Sound Blaster 16 PnP  
Interface: ISA

**Monitor(s)**

Manufacturer: liyama  
Model name: VisionMaster 17  
Size: 17  
Max resolution: 1600x1200x69

*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:**

**Settings:**

To Access:           press F1 during boot

**ECU settings (EISA-bus systems only):**

n/a

**Special installation instructions:**

**Driver settings:**

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

-----Boot drivers-----

SCSI Adaptec2940SCSIDriver  
Share IRQs: YES  
Class Names: SCSIBus Adaptec2940  
Cmd Queueing: NO

Share IRQ Levels: Yes  
Bus Type: PCI  
Driver Version: PROJECT:drvAdaptec2940-15  
Synchronous: YES  
Level IRQs: YES

Serial ISASerialPort

I/O Ports: 0x3f8-0x3ff  
Class Names: ISASerialPort  
Bus Type: EISA  
Driver Version: PROJECT:drvISASerialPort-3.1  
IRQ Levels: 4

-----Active drivers-----

Audio SoundBlaster16

DMA Channels: 1  
Default Table: SB16SingleDMAChannelPnP  
Auto Detect IDs: CTL0024  
I/O Ports: 0x0220-0x0233 0x330-0x331 0x388-0x389  
LS Input Gain: 3  
LS Output Gain: 3  
Driver Version: PROJECT:drvSB16Sound-14.1  
Bus Type: PnP  
IRQ Levels: 5

Network DECchip21040NetworkDriver

Auto Detect IDs: 0x00021011  
Network Interface: TP  
Share IRQ Levels: YES  
Bus Type: PCI  
Driver Version: PROJECT:drvDECchip21040-9

Display WINNER

Memory Maps: 0x7c000000-0x7fffffff 0xa0000-0xbffff 0xc0000-0xcffff

Display Mode: Height: 864 Width: 1152 Refresh: 91Hz bitsPerPixel: RGB:444/16

Auto Detect IDs: 0x88805333 0x88b05333 0x88c05333 0x88c15333 0x88d05333  
0x88d15333 0x88f05333

I/O Ports: 0x3b0-0x3df 0x42e8-0x42e8 0x46e8-0x46e8 0x4ae8-0x4ae8

0x82e8-0x82e8 0x86e8-0x86e8 0x8ae8-0x8ae8 0x8ee8-0x8ee8 0x92e8-0x92e8

0x96e8-0x96e8 0x9ae8-0x9ae8 0x9ee8-0x9ee8 0xa2e8-0xa2e8 0xa6e8-0xa6e8

0xaae8-0xaae8 0xae8-0xae8 0xb2e8-0xb2e8 0xb6e8-0xb6e8 0xbae8-0xbae8

0xbee8-0xbee8

Board Name: WINNER 2000PRO/X-4

VGA Memory Maps: 0xa0000-0xbffff 0xc0000-0xcffff

## **Known Problems**

The Auto Detect ID in the Sound Blaster driver needs to be changed to CTL0024

**See Also:**      **(None)**