Hardware Compatibility Guide

NEXTSTEP Release 3.3 for Intel Processors

Revised July 17, 1996
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This document describes in general terms the types of PC-compatible hardware that is supported by NEXTSTEP Release 3.3 for Intel Processors.

This guide is divided into six sections:

...._General System Requirements_
...._Display Options_
...._Networking Options_
...._SCSI Options_
...._Sound Options_
...._System Options_

In addition to this guide, please refer to NeXTanswers, NeXT's free information retrieval system. All the drivers in the Guide have corresponding NeXT answer numbered documents with more detailed information.

NeXTanswers(TM): this guide and many other kinds of information are available from NeXTanswers, NeXT's free information-retrieval system. For NeXTanswers documents by fax, call *(415) 780-3990* from a touch-tone phone. By Internet mail, send email to _nextanswers@next.com_ with the two-word subject: INDEX HELP. NeXTanswers is also available by World Wide Web at _http://www.next.com/_, FTP at _ftp.next.com_ or BBS at *(415) 780-2965*.

Driver Overviews: Driver Overview files, found in NeXTanswers, are documents describing in detail supported features of specific drivers. They include supported adaptors, supported features of adaptors, and any known problems NeXT's Quality Assurance team or NeXT Technical Support have encountered. Please refer to these more detailed overviews prior to making purchasing decisions to assure compatibility of your system.

Driver Updates: NeXT and third parties continuously develop and enhance drivers for NEXTSTEP. New drivers or updates to existing drivers can be downloaded from the Internet via email, ftp, WWW or from our BBS. NeXTanswers provides an easy method to obtain drivers by email. As described above, follow the instructions for obtaining a document via return email. (Note: You must be able to receive NeXTMail or MIME in order to receive a driver through email.) To obtain drivers by ftp, use ftp to access _ftp.next.com_, log in as 'anonymous' with any password and cd to pub. In that directory there is a README file that explains how to download drivers and other NeXTanswers information. The drivers are located under NeXTanswers/Files/NEXTSTEP/Intel_Configuration_Information/Drivers/. Be sure to also download _1824_Installing_Drivers_Overview.rtf_ for detailed instructions on how to decompress and install the driver once you have downloaded it. If you have any further questions about how to obtain a Driver Update contact NeXT Technical Support at 1-800-955-NeXT.

For current device support, please request the latest edition of this NEXTSTEP Hardware Compatibility Guide from NeXTanswers or by calling 1-800-TRY-NeXT (or your local NeXT representative)

GENERAL SYSTEM REQUIREMENTS

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CPU
486, Pentium(R) or Pentium(R) Pro based PC compatible computer. NEXTSTEP requires a floating-point coprocessor.Systems using processors without a built-in floating-point coprocessor require an add-on floating-point coprocessor, or upgrade to a 486, Pentium or Pentium Pro with built-in floating-point support.

EXPANSION BUS
ISA, EISA, VL-Bus or PCI expansion bus.

AVAILABLE HARD DISK SPACE
NEXTSTEP supports multiple partitioned hard disks, allowing the user to install and boot several operating systems from the same local hard disk. Larger local disks are recommended for stand-alone systems or for systems with a local non-NEXTSTEP partition.

User Environment:120 MB partition minimum, 200 MB recommended for stand-alone systems.

User + Developer: Environments: 330 MB partition minimum, 400 MB recommended.

RAM REQUIREMENTS
RAM requirements vary depending upon your selection of graphics adapter and imaging model.

32-bit color: 24 MB RAM Minimum, 32 MB RAM Recommended
16-bit color: 16 MB RAM Minimum, 24 MB RAM Recommended
8-bit color/grayscale: 12 MB RAM Minimum, 16 MB RAM Recommended
2-bit grayscale: 8 MB RAM Minimum, 12 MB RAM Recommended

GRAPHICS ADAPTERS
See the "Display Options" section in this guide for details on graphics support.

DISK INTERFACES
IDE and several SCSI hard disk interfaces are supported.

Note: A SCSI adapter and SCSI CDROM, or a supported network adapter and properly configured network installation host are required for installation of NEXTSTEP.
Note: Some EIDE ATAPI CD-ROM drives are now supported for installation of NEXTSTEP. See NeXTanswer _1933_EIDE_and_ATAPI_CDROM_Support_in_NEXTSTEP_3.3.rtf_ for details.

POINTING DEVICES
Microsoft(TM) and Logitech(TM) compatible PS/2(TM) and serial mice. Logitech bus mouse.

PRINTERS
Any PostScript printer connected via a serial port, parallel port or network including the NeXT Color Printer (connected via a SCSI port). NeXT recommends color PostScript printers with PostScript Level II for proper color support.

NETWORKING
Several Ethernet and Token Ring networking adapters are supported. A networking adapter is optional.

SOUND
NEXTSTEP can support certain PC sound cards for both playback and recording. A sound card is optional.

DISPLAY OPTIONS

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Key: Display Driver Name
Location of detailed driver overview; Location of drivers
Adaptors or Chipsets that work with this driver
Integrated systems that work with this driver

ATI
Overview is _NeXTanswer #1763_; Driver available on NEXTSTEP CDROM
ATI Graphics Ultra Pro (EISA, ATI 68875 RAMDAC)
ATI Graphics Ultra Pro (EISA, TI 34075 RAMDAC)
ATI Graphics Ultra Pro (VL-Bus, ATI 68875 RAMDAC)

Intel GX/Pro (Custom LB, onboard ATI, TI 34075 RAMDAC)

Data General Dasher DE2 (Custom LB, TI 34075 RAMDAC)
AST Premmia 4D (Custom LB, onboard ATI, BT 481 RAMDAC)
Gateway V Series (VL-Bus, ATI 68875 RAMDAC)

ATI Mach32
Overview is _NeXTanswer #1817_; Driver available from NeXTanswers
ATI Graphics Ultra Pro - EISA (with 2MB VRAM)
ATI Graphics Ultra Pro - PCI (with 2MB VRAM)
ATI Graphics Ultra Pro - VL-Bus (with 2MB VRAM)
ATI Graphics Ultra Pro XLR - VL-Bus (with 2MB DRAM) - not tested, but should work
ATI Graphics Ultra Pro XLR - PCI (with 2MB DRAM) - not tested, but should work
Intel GX/Pro (Custom LocalBus, onboard ATI, TI 34075 RAMDAC)
Data General Dasher DE2 (Custom LocalBus, TI 34075 RAMDAC)
AST Premmia 4D (Custom LocalBus, onboard ATI, BT 481 RAMDAC)
Gateway V Series (VESA LocalBus, ATI 68875 RAMDAC)

ATI Mach64
Overview is _NeXTanswer #1735_; Driver available from NeXTanswers
ATI Graphics Ultra Pro Turbo (PCI, with 2MB VRAM)
ATI Graphics Ultra Pro Turbo (PCI, with 2MB DRAM)
ATI Graphics Ultra Pro Turbo (PCI, with 4MB VRAM)
ATI Graphics Ultra Pro Turbo (PCI, with 4MB DRAM)
ATI Graphics Ultra Pro Turbo (VL-Bus, with 4MB VRAM)
ATI Graphics Ultra Pro Turbo (VL-Bus, with 4MB DRAM)
AT& T Globalyst 600

Canon object.station41 Display
Overview is _NeXTanswer #1774_; Driver available on NEXTSTEP CDROM
(Integrated)
Canon object.station 41

Chips & Technologies Wingine
Overview is _NeXTanswer #1775_; Driver available on NEXTSTEP CDROM
(Integrated)
Epson Wingine
LGI Wingine

Chips & Technologies Wingine 64300
Overview is _NeXTanswer #1756_; Driver available from NeXTanswers
(Integrated)
NEC Powermate 466D

Cirrus Logic GD542X Family
Overview is _NeXTanswer #1776_; Driver available on NEXTSTEP CDROM
(Integrated, ISA)

Cirrus Logic GD5434
Overview is _NeXTanswer #1818_; Driver available on NEXTSTEP CDROM and from NeXTanswers
Diamond SpeedStar 64 (PCI)
Orchid Kelvin 64 (with GD5434)
Elonex WS4100
Intel Premier (with integrated GD5434)
HP Vectra XM Series3 (not tested but reported to work)

Compaq QVision
Overview is _NeXTanswer #1780_; Driver available on NEXTSTEP CDROM and from NeXTanswers
QVision 1024/E EISA (QV30E, QV32E)
QVision 1280/E EISA (QV32E)
QVision 1280/P PCI (QV35P, QV64P)
Compaq Deskpro XE560

Compaq Deskpro XE466
Compaq Deskpro 5100

Dell DGX (JAWS)
Overview is _NeXTanswer #1781_; Driver available on NEXTSTEP CDROM
(Integrated)
Dell 450DE/2 DGX

Diamond Stealth
Overview is _NeXTanswer #1941_; Driver available from NeXTanswers
Diamond Stealth 64 DRAM PCI-Bus Display Adapter
Diamond Stealth 64 DRAM VL-Bus Display Adapter
Diamond Stealth 64 Video PCI-Bus Display Adapter
Diamond Stealth 64 Video VL-Bus Display Adapter
Diamond Stealth 64 VRAM PCI-Bus Display Adapter
Diamond Stealth SE PCI-Bus Display Adapter
Diamond Stealth SE VL-Bus Display Adapter
Diamond Stealth 64 DRAM T PCI-Bus Display Adapter
Diamond Stealth 64 DRAM T VL-Bus Display Adapter

Diamond Stealth64
Overview is _NeXTanswer #1782_; Driver available on NEXTSTEP CDROM
Diamond Stealth 64 (PCI, 4MB VRAM)
Diamond Stealth 64 (PCI, 2MB VRAM)
Diamond Stealth 64 (VL-Bus, 4MB VRAM)
Diamond Stealth 64 (VL-Bus, 2MB VRAM)

HP Vectra XP
Overview is _NeXTanswer #1787_; Driver available on NEXTSTEP CDROM
(Integrated)
HP Vectra XP (4MB VRAM)
HP Vectra XP (2MB VRAM)

HP Vectra XU Display
Overview is _NeXTanswer #1910_; Driver available as beta from NeXTanswers
(Integrated)
HP Vectra/XU S3/864 on-board video

IBM ThinkPad 755CX Display
Overview is _NeXTanswer #1982_; Driver available from NeXTanswers
(Integrated)
IBM ThinkPad 755CX

IBM ThinkPad 760CD Display
Overview is _NeXTanswer #2098_; Driver available as beta from NeXTanswers
(Integrated)
IBM ThinkPad 760CD

Matrox MGA Millennium
Overview is _NeXTanswer #1974_; Driver available from NeXTanswers and as beta from NeXTanswers
Matrox MGA Millennium

Number Nine GXE Family
Overview is _NeXTanswer #1796_; Driver available on NEXTSTEP CDROM
#9GXE-VL Level 10 (VL-Bus, 1MB VRAM) - not tested, but should work
#9GXE-VL Level 11 (VL-Bus, 2MB VRAM)
#9GXE-VL Level 12 (VL-Bus, 2MB VRAM) - not tested, but should work
#9GXE-VL Level 14 (VL-Bus, 4MB VRAM) - not tested, but should work
#9GXE-VL Level 16 (VL-Bus, 4MB VRAM) - not tested, but should work
#9GXE-PCI Level 10 (PCI, 1MB VRAM) - not tested, but should work
#9GXE-PCI Level 12 (PCI, 2MB VRAM)

Number Nine GXE64 Pro

Overview is _NeXTanswer #1797_; Driver available on NEXTSTEP CDROM and from NeXTanswers
Number 9 GXE 64 Pro (PCI, 4MB VRAM)
Number 9 GXE 64 Pro (PCI, 2MB VRAM)
Number 9 GXE 64 Pro-1600 (PCI, 4MB VRAM, 200Mhz RAMDAC) - not tested, but should work
Number 9 GXE 64 Pro (VL-Bus, 4MB VRAM)
Number 9 GXE 64 Pro (VL-Bus, 2MB VRAM)
Number 9 GXE 64 Pro-1600 (VL-Bus, 4MB VRAM, 200Mhz RAMDAC) - not tested, but should work

Number Nine Imagine128
Overview is _NeXTanswer #1742_; Driver available from NeXTanswers
Number9 Imagine 128 (PCI) (NB128-V2-P)

Number Nine Motion331
Overview is _NeXTanswer #2120_; Driver available as beta from NeXTanswers
Number Nine 9FX Motion 331 1MB PCI (NB9-FX1-331-1P)
Number Nine 9FX Motion 331 2MB PCI (NB9-FX1-331-2P)

Number Nine Motion771
Overview is _NeXTanswer #2113_; Driver available from NeXTanswers
Number Nine 9FX Motion 771 2MB PCI (NB9FX2-771-2P)
Number Nine 9FX Motion 771 4MB PCI (NB9FX2-771-4P)
Number Nine 9FX Motion 771 2MB VL-Bus (NB9FX2-771-2VL)
Number Nine 9FX Motion 771 4MB VL-Bus (NB9FX2-771-4VL)

S3 805 / 928
Overview is _NeXTanswer #1805_; Driver available on NEXTSTEP CDROM
(Integrated, VL-Bus)
IBM PS/ValuePoint
Hewlett-Packard Vectra XM

DECpc 466d2 MTE

S3 Generic
Overview is _NeXTanswer #1737_; Driver available from NeXTanswers and as beta from NeXTanswers
(Integrated, PCI, VL-Bus)

S3 ViRGE Display Driver
Overview is _NeXTanswer #2165_; Driver planned.
Number Nine 9FX Reality 332 PCI Display Adapter
(90-332010-000, 91-332010-000, 91-332013-000)
Diamond Stealth 3D 2000 PCI Display Adapter

STB Pegasus
Overview is _NeXTanswer #1812_; Driver available on NEXTSTEP CDROM and from NeXTanswers
STB Pegasus (VL-Bus, 4MB VRAM)
STB Pegasus (VL-Bus, 2MB VRAM)

Trident Generic
Overview is _NeXTanswer #2104_; Driver available as beta from NeXTanswers
(PCI)
This driver will not support the built-in display on IBM Thinkpad 760CD.

Tseng Labs ET4000
Overview is _NeXTanswer #1813_; Driver available on NEXTSTEP CDROM
(ISA)

Tseng Labs ET4000W32
Overview is _NeXTanswer #1819_; Driver available as beta from NeXTanswers
(VL-Bus)

VGA
Overview is _NeXTanswer #1814_; Driver available on NEXTSTEP CDROM
(Integrated, ISA)

Weitek Power 9000
Overview is _NeXTanswer #1815_; Driver available on NEXTSTEP CDROM
Diamond Viper (PCI)
Diamond Viper (VL-Bus)
Genoa VideoBlitz 9200-VL (VL-Bus) - not tested, but should work

Weitek Power 9100
Overview is _NeXTanswer #1740_; Driver available from NeXTanswers
Diamond Viper Pro (PCI, 2MB VRAM)
Diamond Viper Pro (PCI, 4MB VRAM)

Western Digital WD90C24
Overview is _NeXTanswer #1816_; Driver available on NEXTSTEP CDROM and as beta from NeXTanswers
(Integrated)
NEC Versa E Series
NEC Versa V Series
Compaq LTE Elite

NETWORKING OPTIONS

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Key: Networking Driver Name
Location of detailed driver overview; Location of drivers
Adaptors or Chipsets that work with this driver

Integrated systems that work with this driver

3COM EtherLink III
Overview is _NeXTanswer #1757_; Driver available on NEXTSTEP CDROM and as beta from NeXTanswers
3Com EtherLink III 3C509 ISA (BNC, AUI)
3Com EtherLink III 3C509B ISA (BNC, AUI)
3Com EtherLink III 3C509-TP ISA (RJ-45, AUI)
3Com EtherLink III 3C509B-TP ISA (RJ-45, AUI)
3Com EtherLink III 3C509-COMBO ISA (BNC, AUI, RJ-45)
3Com EtherLink III 3C509B-COMBO ISA (BNC, AUI, RJ-45)
3Com EtherLink III 3C509-TPO ISA (RJ-45)
3Com EtherLink III 3C509B-TPO ISA (RJ-45)
3Com EtherLink III 3C579 EISA (BNC, AUI)
3Com EtherLink III 3C579-TP EISA (AUI, RJ-45)
3Com EtherLink III 3C589C-COMBO (BNC, RJ-45)
3Com EtherLink III 3C589C-TP (RJ-45)

AMD PCnet32
Overview is _NeXTanswer #1762_; Driver available on NEXTSTEP CDROM, from NeXTanswers and as beta from NeXTanswers
X/Lan Add-On Adapter (based on Am79C970)

Canon object.station 41
Compaq Deskpro XL (On-board)
HP Vectra XU (On-Board)

Cogent EM960 PCI
Overview is _NeXTanswer #1777_; Driver available on NEXTSTEP CDROM
Cogent EM960C (PCI, Combo)

Cogent EM960TP (PCI, TP Only)
Cogent EM964TP (PCI, TP Only, 4 ports - 1st port only supported)

Cogent EMaster EISA
Overview is _NeXTanswer #1778_; Driver available on NEXTSTEP CDROM
EM932 (EISA, BNC/AUI)
EM932TP (EISA, UTP/AUI)
EM935XL (EISA, BNC/UTP/AUI)

DECchip21040 Network
Overview is _NeXTanswer #1856_; Driver available from NeXTanswers and as beta from NeXTanswers
Cogent EM960 PCI
SMC PCI EtherPower (SMC 8432)
Digital EtherWORKS Turbo PCI (DE435)
Linksys EtherPCI LAN Card
DANPEX PCI Ethernet (EN-9400P3)
JCIS Condor (JC1260)
Kingston EtheRx PCI Ethernet (KNE40T & KNE40BT)
DEC Celebris GL & GLST

DECchip21140 Network
Overview is _NeXTanswer #1927_; Driver available from NeXTanswers and as beta from NeXTanswers
Cogent EM100 Fast Ethernet Adapter
Cogent EM110 Fast Ethernet 10/100 Adapter
Cogent EM110-T4 Fast Ethernet 10/100/BNC Adapter
DEC DE500 Fast EtherWORKS PCI 10/100
SMC 9332 Fast Ethernet 10/100 Adapter

HP Vectra XM, XP Integrated

Overview is _NeXTanswer #1786_; Driver available on NEXTSTEP CDROM
BNC, UTP (Integrated)
HP Vectra XM
HP Vectra XP
Elonex WS4100 - Not tested, should work

IBM Token Ring
Overview is _NeXTanswer #1788_; Driver available on NEXTSTEP CDROM, from NeXTanswers and as beta from NeXTanswers
IBM 25F7367 (ISA, 16/4 Mbps, 8-bit, 64K)
IBM 25F9858 (ISA, 4Mbps, 8-bit, 16K)
IBM 67X0438 (ISA, 4Mbps, 8-bit, 16K)
IBM 60G3994A? (ISA, 16/4 Mbps, 16-bit, 64K)
IBM 92G7668 (Auto, ISA, 16/4 Mbps, 16-bit, 64K)
IBM 41H8450 (Auto, ISA, 16/4 Mbps, 16-bit, 64K)

Token Ring option for Compaq DeskPro and Prolinea series

Intel 82556 Network
Overview is _NeXTanswer #2093_; Driver available from NeXTanswers
Intel EtherExpress PRO/100 EISA LAN Adapter (EILA8265)
Intel EtherExpress PRO/100 PCI LAN Adapter (PILA8465)

Intel 82557 Network
Overview is _NeXTanswer #2109_; Driver available from NeXTanswers
Intel EtherExpress PRO/100 PCI LAN Adapter (PILA8465B) (10Base-T, 100Base-TX)
Intel EtherExpress PRO/100 PCI LAN Adapter (PILA8475B) (10Base-T, 100Base-T4)
Intel EtherExpress PRO/10+ PCI LAN Adapter (PILA8500) (BNC, AUI, RJ-45)
Intel EtherExpress PRO/10+ PCI LAN Adapter (PILA8520) (RJ-45)

Intel 82595 Chipset
Overview is _NeXTanswer #1791_; Driver available on NEXTSTEP CDROM, from NeXTanswers and as beta from NeXTanswers
Cogent EM595 TP PCMCIA (RJ-45)
Cogent EM595 C PCMCIA (RJ-45/BNC)
Intel EtherExpress PRO/10 ISA LAN Adapter (BNC/RJ-45/AUI)
Intel EtherExpress PRO/10+ ISA LAN Adapter (BNC/RJ-45/AUI) (PCLA8200B)
Intel EtherExpress PRO/10+ ISA LAN Adapter (BNC/RJ-45) (PCLA8210B)
Intel EtherExpress PRO/10+ ISA LAN Adapter (RJ-45) (PCLA8220B)
Intel EtherExpress PRO/10+ ISA LAN Adapter (BNC/RJ-45/AUI) (PCLA8205B)
Intel EtherExpress PRO/10+ ISA LAN Adapter (BNC/RJ-45) (PCLA8215B)
Intel EtherExpress PRO/10+ ISA LAN Adapter (RJ-45) (PCLA8225B)

Intel 82596 Network
Overview is _NeXTanswer #1750_; Driver available from NeXTanswers
Intel EtherExpress PRO/10 PCI (PILA8400) (BNC, UTP, AUI)
Intel EtherExpress PRO/10 PCI (PILA8420) (UTP)
Intel EtherExpress Flash32 EISA (EILA8225) (BNC, UTP, AUI)
Cogent eMaster EM935 EISA XL (BNC, UTP, AUI)
Cogent eMaster EM932 EISA (UTP, AUI)
Cogent eMaster EM932 EISA (BNC, UTP, AUI)
Cogent eMaster EM945 EISA FDE (BNC, UTP, AUI)

Intel EtherExpress16
Overview is _NeXTanswer #1792_; Driver available on NEXTSTEP CDROM
EtherExpress16 (ISA, BNC/AUI)
EtherExpress16TP (ISA, UTP/AUI)
EtherExpress16C (ISA, BNC/UTP/AUI)

Intel TokenExpress
Overview is _NeXTanswer #1793_; Driver available on NEXTSTEP CDROM

STP (ISA)

SMC EtherEZ/Elite16 Ultra
Overview is _NeXTanswer #1748_; Driver available from NeXTanswers
SMC EtherCard Elilte Ultra16 (ISA)
SMC EtherCard Elilte Ultra16T (ISA)
SMC EtherCard Elilte Ultra16C (ISA)
SMC EtherEZ (8416BTA)
SMC EtherEZ (8416B)
SMC EtherEZ (8416T)
SMC EtherEZ (8416BT)
SMC EtherEZ (8416BA)
SMC EtherEZ (8416TA)

SMC EtherElite 16
Overview is _NeXTanswer #1809_; Driver available on NEXTSTEP CDROM and from NeXTanswers
SMC EtherCard Plus Elite16 Ethernet Adapter

Xircom Netwave
Overview is _NeXTanswer #2088_; Driver available from NeXTanswers and as beta from NeXTanswers
Xircom CreditCard Netwave Adapter (CNW(AM))

Xircom Performance Series
Overview is _NeXTanswer #1746_; Driver available from NeXTanswers and as beta from NeXTanswers
Xircom PS-CE2-10BT (PCMCIA, UTP)
Xircom PS-CE2-10BC (PCMCIA, UTP/BNC)

OTHER OPTIONS

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Key: Other Driver Name
Location of detailed driver overview; Location of drivers
Adaptors or Chipsets that work with this driver
Integrated systems that work with this driver

FTG ISA Light Pen
Overview is _NeXTanswer #2101_; Driver available from NeXTanswers
PXL-395 Light Pen Interface (ISA)
FT-356 1-Button Light Pen
FT-357 2-Button Light Pen

FTG Light Pen
Overview is _NeXTanswer #2058_; Driver available from NeXTanswers
PXL-780 Light Pen Interface (Serial)
FT-356 1-Button Light Pen
FT-357 2-Button Light Pen

SCSI OPTIONS

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Key: SCSI Driver Name
Location of detailed driver overview; Location of drivers
Adaptors or Chipsets that work with this driver
Integrated systems that work with this driver

AMD PC SCSI

Overview is _NeXTanswer #1752_; Driver available from NeXTanswers
The AMDPCSCSI driver is known to work with the following SCSI devices:
Toshiba CD-ROM XM-3401T
Peripheral Solutions 8mm Exabyte DAT Drive -- 8500
Syquest 88MB SQ5110 D3G 810
IOMEGA Bernoulli 230 BETA230 1.1408/2
Pinnacle Micro Tahoe 230MB MO J6CTahoe-130A
Quantum 504MB LPS5255S 311012 Hard Drive
Quantum LPS540S 590H01 Hard Drive
Next SCSI Color Printer
HSD Scan-X Color Scanner (UMAX engine)
COMPAQPC DPES-31080

Compaq Deskpro XL
HP Vectra XU

Adaptec 154x family and compatible
Overview is _NeXTanswer #1758_; Driver available on NEXTSTEP CDROM
Adaptec 154xB (ISA)
Adaptec 154xC (ISA)
Adaptec 154xCF (ISA)
Adaptec 174x (EISA) in standard 154x mode only

Adaptec 274x and 284x family
Overview is _NeXTanswer #1759_; Driver available on NEXTSTEP CDROM and from NeXTanswers
Adaptec 2740 (EISA) - not tested but should work
Adaptec 2740T (EISA)
Adaptec 2840 (VLB)

Adaptec 2940 family & 7870 integrated
Overview is _NeXTanswer #1760_; Driver available on NEXTSTEP CDROM and from

NeXTanswers
Adaptec AHA-2940 (PCI)
Adaptec AHA-2940W (PCI, Wide SCSI)
Adaptec AHA-2940U (PCI, Ultra SCSI)
Adaptec AHA-2940UW (PCI, Ultra/Wide SCSI)

DEC EISA/PCI Server system w/ 7870 on motherboard
DEC Celebris GLST w/ 7850 on riserboard

Adaptec 6x60 chipset (add-on & integrated)
Overview is _NeXTanswer #1761_; Driver available on NEXTSTEP CDROM and from NeXTanswers
Adaptec AVA-1505A (ISA)
Adaptec AVA-1515A (ISA)
Adaptec AHA-1520A (ISA)
Adaptec AHA-1530P (ISA) - Not tested but might work.
Adaptec Slim SCSI (PC/MCIA)
Intel GX/Pro

Bus Logic FlashPoint
Overview is _NeXTanswer #2129_; Driver available as beta from NeXTanswers
BusLogic KT-930 (PCI)

BusLogic family
Overview is _NeXTanswer #1771_; Driver available on NEXTSTEP CDROM and from NeXTanswers
BusLogic 546C (ISA)
BusLogic 747C (EISA)
BusLogic 445C (VL-Bus)
BusLogic 946C (PCI) - only rev C and D have been tested

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DPT 2000 family
Overview is _NeXTanswer #1783_; Driver available on NEXTSTEP CDROM
DPT 2021/9x SmartCache III (ISA) - not tested, but should work
DPT 2022/9x SmartCache III (EISA)
DPT 2122/9x SmartCache III (EISA)
DPT 2122/9xW SmartCache III (EISA, Wide) - not tested, but should work
DPT 2122/9xDW SmartCache III (EISA, Differential, Wide) - not tested, but should work
DPT 2024 SmartCache III (PCI) - In future update
DPT 2124 SmartCache III (PCI) - In future update
NEC Express II P60 (On-Board)

DPT SCSI family
Overview is _NeXTanswer #1830_; Driver available from NeXTanswers
Model# Bus Description
PM2021/90 ISA SCSI adapter
PM2021/95 ISA SCSI adapter
PM2022/90 EISA SCSI adapter
PM2022/95 EISA SCSI adapter
PM2024 PCI SCSI adapter
PM2041W * ISA Wide SCSI adapter
PM2042W * EISA Wide SCSI adapter
PM2044W * PCI Wide SCSI adapter
PM2122/90 EISA SCSI adapter
PM2122/95 EISA SCSI adapter
PM2124 PCI SCSI adapter
PM2124W PCI WIDE SCSI adapter
PM2142W * EISA Wide SCSI adapter
PM2144UW * PCI Ultra Wide SCSI adapter

PM3021 ISA SCSI RAID controller (Not tested, should work)
PM3222 EISA SCSI RAID controller
PM3224 PCI SCSI RAID controller
PM3224W PCI WIDE SCSI RAID controller

DPT-TWR n/a 6-bay SCSI Tower
DPT-TWR/W n/a 6-bay WIDE SCSI Tower (Not tested, should work)

* These products have not yet been tested by NeXT's SQA Dept.
NEC Express II P60 (On-Board)

SymbiosLogic53C8xxSCSIDriver
Overview is _NeXTanswer #1754_; Driver available from NeXTanswers
(Integrated, PCI)
DEC Celebris XL/590

SOUND OPTIONS

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Key: Sound Driver Name
Location of detailed driver overview; Location of drivers
Adaptors or Chipsets that work with this driver
Integrated systems that work with this driver

Beep
Overview is _NeXTanswer #1766_; Driver available on NEXTSTEP CDROM
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Canon object.station41 Sound
Overview is _NeXTanswer #1773_; Driver available on NEXTSTEP CDROM
(Integrated)

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Compaq Business Audio
Overview is _NeXTanswer #1779_; Driver available on NEXTSTEP CDROM
(Integrated)
Compaq Deskpro / M
Compaq Deskpro / I

ESS 1x88 Audio Driver
Overview is _NeXTanswer #2026_; Driver available from NeXTanswers
(ISA)
Compaq Prolinea
NEC Versa 4000
DEC Celebris GL & GL/ST

IntelGXProAudio
Overview is _NeXTanswer #1794_; Driver available on NEXTSTEP CDROM
(Integrated)
Intel GX/Professional

Media Vision Jazz 16
Overview is _NeXTanswer #1731_; Driver available from NeXTanswers
Media Vision Deluxe Sound Card
Media Vision Pro Sonic Sound Card

Microsoft Sound System
Overview is _NeXTanswer #1795_; Driver available on NEXTSTEP CDROM
Microsoft Sound System (ISA)

Pro Audio Spectrum 16
Overview is _NeXTanswer #1802_; Driver available on NEXTSTEP CDROM

(ISA)

Sound Blaster 16
Overview is _NeXTanswer #1810_; Driver available on NEXTSTEP CDROM, from NeXTanswers and as beta from NeXTanswers
Sound Blaster 16 Basic (ISA)
Sound Blaster 16 Value (ISA)
Sound Blaster 16 AWE (ISA)
Sound Blaster 16 SCSI-II (ISA)
Sound Blaster 16 Value PnP (ISA)

Sound Blaster 8
Overview is _NeXTanswer #1811_; Driver available on NEXTSTEP CDROM
Sound Blaster Basic ISA)
Sound Blaster Pro (ISA)
Sound Blaster Delux (ISA)
Sound Blaster Value (ISA)

SYSTEM OPTIONS

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Key: System Driver Name
Location of detailed driver overview; Location of drivers
Adaptors or Chipsets that work with this driver
Integrated systems that work with this driver

BusMouse
Overview is _NeXTanswer #1772_; Driver available on NEXTSTEP CDROM
Logitech MouseMan Bus

Logitech MouseMan Cordless

EIDE
Overview is _NeXTanswer #1839_; Driver available from NeXTanswers and as beta from NeXTanswers
The following ATAPI CD-ROM drives are supported:
Chinon CD-ROM CDS-525 (2X), firmware rev. W09
Matsushita CD-ROM CR-571 (2X), firmware rev. 1.0e -- Panasonic
Mitsumi CD-ROM 1B (4X), firmware rev. B02 -- model FX400
Sony CD-ROM CDU55E (2X), firmware rev. 1.0u
Sony CD-ROM CDU76E-S (4X), firmware rev. 1.0c
Toshiba CD-ROM XM-5302TA (4X), firmware rev. 0305

The beta driver adds support for the following ATAPI CD-ROM drives:
Philips CM207, firmware rev 1.10 (??) -- reported to work
SONY CD-ROM CDU76E-Q, firmware rev 1.0c (4X)
SONY CD-ROM CDU55D, firmware rev 1.0v (2X)
SONY CD-ROM CDU77E, firmware rev 1.0e (4X)
TORiSAN CD-ROM CDR-S1, firmware rev 1.70 (4X) -- SANYO
Chinon CD-ROM CDS-545, firmware rev ERc A1.0 (4X)
GoldStar CD-ROM GCD-R540, firmware rev 1.17 (4X)
GoldStar CD-ROM GCD-540C, firmware rev 1.01 (4X)
SANYO CRD-254P, firmware rev 1.02 (4X)
MATSHITA CD-ROM CR-574, firmware rev 1.06 (4X) -- Panasonic
Pioneer CD-ROM DR-UA124X, firmware rev 1.02 (4X) -- force detection
MITSUMI CD-ROM !B, firmware rev K02 (4X) -- DRM FX400B
TEAC CD-55E, firmware rev ?? (4X) -- Thinkpad 760CD
ATAPI CD-ROM SPEED-6X, firmware rev 6.2D (6X) -- ACER 665A
VERTOS 600ESD CD-ROM X6-IDE, firmware rev 1.20 (6X)
TEAC CD-56E, firmware rev 1.0D (6X)
MATSHITA UJDCD4700, firmware rev 1.11 (??)

Other ATAPI 1.2 compliant CD-ROM drives should work with NEXTSTEP even if they are not in the supported list. If a CD-ROM drive does not work with NEXTSTEP (or even if it does) we would like to know about it. Please send an email message to _nextanswers-request@next.com_ including the model number of the CD-ROM drive and also whether this drive is connected as a master or a slave.

EISABus
Overview is _NeXTanswer #1784_; Driver available on NEXTSTEP CDROM, from NeXTanswers and as beta from NeXTanswers

Floppy
Overview is _NeXTanswer #1785_; Driver available on NEXTSTEP CDROM
Integrated, ISA

IDE
Overview is _NeXTanswer #1789_; Driver available on NEXTSTEP CDROM
Integrated, ISA

ISA Serial Port
Overview is _NeXTanswer #1943_; Driver available from NeXTanswers
Integrated, ISA

Intel 82365 and compatible PCMCIA chipset
Overview is _NeXTanswer #1800_; Driver available on NEXTSTEP CDROM, from NeXTanswers and as beta from NeXTanswers
SwapBox Classic MMCD-D - Not test by SQA, might work.
NEC Versa E Series
NEC Versa V Series
NEC Versa 4000
Compaq LTE Elite
IBM Thinkpad 755CX

Adaptec CardPark

Intel 824X0 PCI Chipset
Overview is _NeXTanswer #1790_; Driver available on NEXTSTEP CDROM and from NeXTanswers
Integrated

PCI Bus
Overview is _NeXTanswer #1799_; Driver available on NEXTSTEP CDROM

PCMCIABus
Overview is _NeXTanswer #1801_; Driver available on NEXTSTEP CDROM, from NeXTanswers and as beta from NeXTanswers

PS/2-Style Mouse
Overview is _NeXTanswer #1803_; Driver available on NEXTSTEP CDROM and from NeXTanswers
Rose Electronics ServeView Keyboard/Mouse/Display multiplexer

PS2Keyboard
Overview is _NeXTanswer #1804_; Driver available on NEXTSTEP CDROM
Integrated

ParallelPort
Overview is _NeXTanswer #1798_; Driver available on NEXTSTEP CDROM
Integrated, ISA

Port Server
Overview is _NeXTanswer #1947_; Driver available from NeXTanswers

SCSITape
Overview is _NeXTanswer #1806_; Driver available on NEXTSTEP CDROM and as beta from NeXTanswers

Serial Pointing Device
Overview is _NeXTanswer #1945_; Driver available from NeXTanswers
Alps Glidepoint
LogiTech FirstMouse
LogiTech MouseMan
LogiTech MouseMan Cordless
LogiTech TrackMan
Kensington Expert Mouse v2.0
Kensington Expert Mouse v4.0
Microsoft Serial Mouse
Mouse Systems PC Mouse III

SerialMouse
Overview is _NeXTanswer #1807_; Driver available on NEXTSTEP CDROM
EIA-232 (Serial)

SerialPorts
Overview is _NeXTanswer #1948_; Driver available on NEXTSTEP CDROM
Integrated, ISA