NEXTSTEP for Intel Processors Release 3.3
System Driver Overview

Driver: EIDE
Driver Overview: NeXTanswer #1839
Last Update: October 17 1995

Availability Information

Newer Released Driver in NeXTanswers: Yes, Version 3.31, as NeXTanswer #1838
Newer Beta Driver in NeXTanswers: Yes, Version 3.32, as NeXTanswer #1977

Driver Name / Installer .pkg: EIDE.config
Driver Type: System
Driver Scope: Generic-System
Component Supported:
Component Manufacturer:
PC Bus / Interface Supported by Driver*: ISA, PCI

General Overview notes: This is a new driver for supporting IDE disks and IDE ATAPI-compliant CD-ROMs. It will support primary and secondary IDE controllers with up to 2 drives per controller.   The PC Tech RZ1000 PCI IDE interface will also be supported.   Please refer to 1933_EIDE_and_ATAPI_CDROM_Support_in_NEXTSTEP_3.3.rtf for more information on configuring your EIDE drives for NEXTSTEP.

Supported Products / Add-on Adapters:
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:
Chinon CD-ROM CDS-545   (4X) firmware: ERc A1.0
GoldStar CD-ROM GCD-R540   (4X) firmware: 1.17
MATSHITA CD-ROM CR-574 (4X) firmware: 1.06 -- Panasonic
Philips CM207   (2X) firmware: 1.10
SANYO CRD-254P   (4X) firmware: 1.02
SONY CD-ROM CDU55D   (2X) firmware: 1.0v
TORiSAN CD-ROM CDR-S1   (4X) firmware: 1.70

Supported Products / Systems (ie integrated into PC System):

Special Features of Driver / Driver Notes:
Also see the NextAnswer 1933_EIDE_and_ATAPI_CDROM_Support_in_NEXTSTEP_3.3

NeXT's EIDE driver is not affected by the RZ1000 hardware bug.

This device driver provides information in the Configure application's help panel. Choose
Info>Help from the Configure menu and scroll down to find this device driver's help topic.

Known Problems

These CD-ROMs are known to have problems.

SONY CD-ROM CDU76E-S (4X)   (*)
SONY CD-ROM CDU55D (2X)   (*)
TORiSAN CD-ROM CDR-S1 (4X)   -- Sanyo   (+)
* -- works only as single master
+ -- works only as slave to ATA disk

These devices are not supported.
1. NEC CD-ROM DRIVE:260   (2X)

2. Pioneer DR-UA124X   (4X)
3. Hitachi CDR-7730   (4X)

Future Planning

Future / Update Planning:
Reason for New Driver / Update:
New Driver / Update Timeframe:

New Driver / Update Description:

Note: Information contained in the "Future Planning" section of this document does not constitute a commitment on the part of NeXT to complete the planned development work.

* - Indicates information that is inclusive of the entire capability of this driver. Not all devices supported by this driver may include all features listed. Check any available NeXTanswers and the hardware manual for the device for additional information.

Product Vendor