

OPENSTEP for Mach Intel Processors

Release 4.x

SCSI Driver Overview

Driver: Adaptec 274x and 284x family

Driver Overview: NeXTanswer #2178

Last Update: July 12, 1996

Availability Information

A version of this driver is on the CDROM

Newer Released Driver in NeXTanswers*: No, Version 0.00, as NeXTanswer #2180

Newer Beta Driver in NeXTanswers*: No, Version 0.00, as NeXTanswer #2179

Driver Name / Installer .pkg: Adaptec2740

Driver Type: SCSI

Driver Scope: Product Family

Supported Components: Adaptec AIC-7770

PC Bus / Interface Supported by Driver:** EISA, VL-Bus

General Overview notes: The Adaptec 274x series driver is designed to support the 274x series of EISA SCSI adapters and the 284x series of VL-Bus SCSI adapters. The 2(7,8)42 versions include a floppy controller.

Supported Products / Add-on Adapters:

Adaptec 2740 (EISA) - not tested but should work

Adaptec 2740T (EISA)

Adaptec 2840 (VLB)

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

Special Features of Driver / Driver Notes:

The 274x is available in a 'T' version that includes two SCSI channels, both channels are supported by this driver.

The onboard floppy controller available on the 2(7,8)42 cards is not supported.

SCSI Driver Details

Supported Connectors: 50-pin Header (Internal SCSI), 50-pin High Density (SCSI-2), 68-pin High Density (Wide SCSI)

Access Mode: DMA

Attributes:** SCSI-2

Cache Size Supported:** N/A

Known Problems

The 284x driver uses port 4c00 by default. You must set the DIP switches on your 284x card to use this port. The correct settings are:

- sw1:on
- sw2:on
- sw3:off
- sw4:off

The 274x driver uses port 0x4c88 by default.

Driver Version Notes

4.01 - Released on OPENSTEP 4.0 User CD-ROM

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.

* - Any NeXTanswer number that is blank indicates that a driver will not be released for this version of NEXTSTEP.

** - 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.

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