NEXTSTEP for Intel Processors Release 3.3

Networking Driver Overview

Driver: 3COM EtherLink III
Driver Overview: NeXTanswer #1757
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 #
Newer Beta Driver in NeXTanswers*: Yes, Version 3.31, as NeXTanswer #2146

Driver Name / Installer .pkg: EtherLink3
Driver Type: Networking
Driver Scope: Product Family
Supported Components:
PC Bus / Interface Supported by Driver:** EISA, ISA

General Overview notes: This driver supports the 3COM EtherLink III Ethernet Adapter.

Supported Products / Add-on Adapters:
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)

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

Special Features of Driver / Driver Notes:
NeXTanswer# 1482_3COM_Etherlink_III_Ethernet_Adapter.rtf   does not apply to version 3.31 of
this driver.

Networking Driver Details

Network Type**: EtherNet
Speed*: 10 Mb/s
Access Mode**: Memory Mapped
Buffer Size*: 8KB
Supported Connectors**: AUI, BNC (10Base-2), RJ-45 (10Base-T)

Known Problems
Driver Version Notes

3.31 Significant performance improvements; added support for the 3C589 PC Card (PCMCIA) adapter

Future Planning

Future / Update Planning: Under Development
Reason for New Driver / Update: Performance Enhance
New Driver / Update Timeframe: Q2 96

New Driver / Update Description:
Version 3.31 eliminates the performance problems found in version 3.30.

Note: The EtherLink III PCMCIA driver requires version 3.34 of the PCMCIABus driver.

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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