

NEXTSTEP for Intel Processors Release 3.3

Networking Driver Overview

Driver: Intel 82595 Chipset

Driver Overview: NeXTanswer #1791

Last Update: October 4, 1996

Availability Information

A version of this driver is on the CDROM

Newer Released Driver in NeXTanswers*: Yes, Version 3.31, as NeXTanswer #1854

Newer Beta Driver in NeXTanswers*: Yes, Version 3.35, as NeXTanswer #2164

Driver Name / Installer .pkg: Intel82595NetworkDriver

Driver Type: Networking

Driver Scope: Product Family

Supported Components: Intel i82595

PC Bus / Interface Supported by Driver:** ISA, PCMCIA

General Overview notes: This driver supports ethernet adapters based on the Intel82595 LAN chipset.

Supported Products / Add-on Adapters:

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)

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

Special Features of Driver / Driver Notes:

The driver has not been tested with the following adapters, but should work:

Cogent EM525 ISA (BNC/AUI)

Cogent EM525 TP ISA (RJ-45)

Cogent EM525 C ISA (BNC/RJ-45/AUI)

Networking Driver Details

Network Type:** EtherNet, Full Duplex

Speed*: 10 Mb/s

Access Mode:** PIO

Buffer Size*: 64KB

Supported Connectors:** AUI, BNC, UTP

Known Problems

- This driver has not been tested with the Cogent 525 series, but should work.
- If you have stepping 3 of the EtherExpress Pro/10, version 3.31 of the driver will complain with en0: 82595 unsupported stepping (3), but will continue to work

Driver Version Notes

3.31 - Added support for EE Pro/10 ISA

3.33 - Initial support for EE Pro/10+ ISA

3.35 - Added Plug and Play personalities for the Intel EE PRO/10 and PRO/10+.

Future Planning

Future / Update Planning: Under Development

Reason for New Driver / Update: New Hardware Support

New Driver / Update Timeframe: Q3 96

New Driver / Update Description:

Beta version (v3.35) adds Plug and Play versions of the Intel EtherExpress PRO/10 and PRO/10+ LAN Adapters.

Note: you should install the latest EISA Bus package (beta version 3.35) before configuring this 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.

Product Vendor

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