

# 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 EISABus 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

Intel

- +1 (800) 628 8686 USA toll-free (customer service) phone
  - +1 (916) 356 3600 bulletin board system (OEM components)
  - +1 (800) 897 2536 USA toll-free bulletin board system (OEM components), viewing only
  - +1 (800) 628 2283 faxback system (OEM components)
  - +1 (503) 645 6275 bulletin board system (reseller information)
  - +1 (800) 525 3019 USA toll-free bulletin board system (reseller information), viewing only
  - +1 (916) 356 3105 faxback system (reseller information)
  - +1 (916) 356 6100 fax (customer support)
- WWW: <http://www.intel.com/>