NEXTSTEP for Intel Processors Release 3.3
Networking Driver Overview

Driver: DECchip21140 Network
Driver Overview: NeXTanswer #1927
Last Update: October 11, 1996

Availability Information

Newer Released Driver in NeXTanswers*:   Yes, Version 3.32, as NeXTanswer #1926
Newer Beta Driver in NeXTanswers*:   Yes, Version 3.35, as NeXTanswer #2172

Driver Name / Installer .pkg: DECchip21140NetworkDriver
Driver Type: Networking
Driver Scope: Specific Product
Supported Components: DEC DECchip21140
PC Bus / Interface Supported by Driver:** PCI

General Overview notes: This driver supports 10Mb/s and 100Mb/sec adapters based on DECchip21140.

Supported Products / Add-on Adapters:
Cogent EM100 Fast Ethernet Adapter
Cogent EM110 Fast Ethernet 10/100 Adapter
Cogent EM110-T4 Fast Ethernet 10/100/BNC Adapter
DEC DE500 Fast EtherWORKS PCI 10/100
SMC 9332 Fast Ethernet 10/100 Adapter
SMC EtherPower 10/100 B Fast Ethernet Network Adapter (9332BDT)

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

Special Features of Driver / Driver Notes:
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.

Networking Driver Details

Network Type**:   100 Base T4, 100 Base TX, EtherNet
Speed*:   10 Mb/s, 100 Mb/s
Access Mode**:   Bus Master DMA
Buffer Size*:   NA
Supported Connectors**: BNC, UTP

Known Problems

The latest Cogent EM110 adapters may require changing the Instance0.table to contain:
    "Address Offset" = "20";
instead of
    "Address Offset" = "0";

Driver Version Notes

3.32 - Added support for Cogent EM110-T4 adapters.
3.32 - Added remote kernel debug support.
3.35 - Added support for SMC EtherPower 10/100 B (9332BDT)

Future Planning

Future / Update Planning: Under Development
Reason for New Driver / Update: New Hardware Support
New Driver / Update Timeframe: Q4 96

New Driver / Update Description:
Beta version v3.35 of this driver adds support for the newer SMC EtherPower 10/100 B

adapters (model 9332BDT).

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