

OPENSTEP for Mach Intel Processors

Release 4.x

Networking Driver Overview

Driver: DECchip21140 Network

Driver Overview: NeXTanswer #2247

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 #2249

Newer Beta Driver in NeXTanswers*: No, Version 0.00, as NeXTanswer #2248

Driver Name / Installer .pkg: DECchip21140NetworkDriver

Driver Type: Networking

Driver Scope: Generic-Chipset

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

SMC 9332 Fast Ethernet 10/100 Adapter

DEC DE500 Fast EtherWORKS PCI 10/100

Cogent EM110-T4 Fast Ethernet 10/100/BNC Adapter

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

Newer versions of the Cogent EM110 that use the DECchip21140A need to have the following line added to the Instance table in order for them to determine their ethernet address:

```
"Address Offset" = "20";
```

Driver Version Notes

3.32 - Added support for Cogent EM110-T4 adapters.

4.00 - Released on OPENSTEP 4.0 User CD-ROM

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:

This driver is being rev'd to support the 'A' revisions of the DECchip21140

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