

NEXTSTEP for Intel Processors Release 3.3

Networking Driver Overview

Driver: Intel 82557 Network
Driver Overview: NeXTanswer #2109
Last Update: August 16, 1996

Availability Information

Newer Released Driver in NeXTanswers*: Yes, Version 3.33, as NeXTanswer #2110
Newer Beta Driver in NeXTanswers*: No, Version 0.00, as NeXTanswer #2111

Driver Name / Installer .pkg: Intel82557NetworkDriver
Driver Type: Networking
Driver Scope: Product Family
Supported Components: Intel i82557
PC Bus / Interface Supported by Driver:** PCI

General Overview notes: This driver supports the Intel EtherExpress PRO/100(model B) PCI adapter family as well as the Intel EtherExpress PRO/10+ PCI adapter family. Both families of adapters are based on the Intel 82557 chipset.

Supported Products / Add-on Adapters:
Intel EtherExpress PRO/100 PCI LAN Adapter (PILA8465B) (10Base-T, 100Base-TX)
Intel EtherExpress PRO/100 PCI LAN Adapter (PILA8475B) (10Base-T, 100Base-T4)
Intel EtherExpress PRO/10+ PCI LAN Adapter (PILA8500) (BNC, AUI, RJ-45)
Intel EtherExpress PRO/10+ PCI LAN Adapter (PILA8520) (RJ-45)

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

Special Features of Driver / Driver Notes:

Networking Driver Details

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

Known Problems

Driver Version Notes

- 3.30 initial beta version
- 3.32 improved performance; added workaround for intermittent receiver errata to prevent hang
- 3.33 added support for Pro/10+ PCI adapter

Future Planning

Future / Update Planning:
Reason for New Driver / Update:
New Driver / Update Timeframe:

New Driver / Update Description:

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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