Tech Info Library

Ethernet and Twisted-Pair NB Card: Description (10/93)

```
Revised:        11/5/93
Security:       Everyone
```

Ethernet and Twisted-Pair NB Card: Description (10/93)

===

Article Created: 21 October 1993

TOPIC ---

This article describes the Apple Ethernet NB Card and Apple Ethernet NB
Twisted-Pair Card and it's features.

DISCUSSION --

The Apple Ethernet NB Cards (Apple Ethernet NB Card and Apple Ethernet NB
Twisted-Pair Card) provide Macintosh II and Macintosh Quadra computers with
the ideal Ethernet connectivity solution for all of your networking needs.

The Apple Ethernet NB Card is a NuBus master network interface card that
has its own 68000 microprocessor and includes an Apple Ethernet port. With
the appropriate Apple Ethernet cable system media adapter, which plugs into
the port, you can connect to any standard Ethernet cabling environment:
thin coax Ethernet networks, using the Apple Thin Coax Transceiver; and
thick coax or other media (such as fiber-optic cable) Ethernet networks,
using the Apple Ethernet AUI Adapter.

The Apple Ethernet NB Twisted-Pair Card is a bus master network interface
card that includes a built-in, industry-standard, 10Base-T network port.
When used in conjunction with an unshielded twisted-pair cable and an
IEEE-compatible hub, it allows you to connect to IEEE 802.3 10Base-T
networks.

These convenient, easy-to-install cards feature uncompromised network
performance and afford the flexibility of connection to any standard
Ethernet media. They support a variety of net-working protocols, including
AppleTalk, TCP/IP, Mac IPX, and DECnet, and offer seamless interoperability
in multivendor environments.

Features

Ease of use

- Takes only minutes to install
- Includes all the necessary software

Compatibility
- Works with all Macintosh II and Macintosh Quadra models
- Complies with IEEE 802.3 standards
- Supports a variety of popular networking protocols, including AppleTalk, TCP/IP, Mac IPX and DECnet
- Easily integrates into multivendor environments
- Adapts to any standard Ethernet cable environment using the appropriate Apple Ethernet cable system media adapter (Ethernet NB Card)

High performance
- Allows concurrent execution of multiple networking protocols to optimize network performance
- Offers the highest available network buffer memory
- Features a robust, multiprocessor, bus master architecture (Ethernet NB Card)

Convenience
- Makes it easy to administer and troubleshoot the network
- Lets you take advantage of existing unshielded twisted-pair cabling (Ethernet NB Twisted-Pair Card)

Reliability
- Offers high network reliability because of the point-to-point nature of 10Base-T networks (Ethernet NB Twisted-Pair Card)

Additional search string: twisted pair

Tech Info Library Article Number:13724