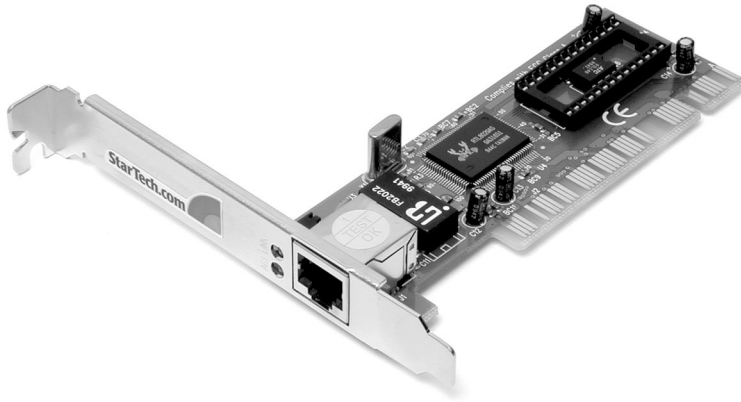


Network Adapter

10-Mbps PCI 10BaseT Ethernet Card



Installation Manual

PCIBT

General Description

The StarTech 10Mbps PCI Ethernet Card is a network adapter that combines low cost, reliable performance, and easy Plug and Play installation. It is capable of operating in full-duplex mode, which doubles its data throughput to 20 Mbps. This network adapter is fully compliant with industry specifications for 10Mbps twisted-pair Ethernet networks.

Features

- Fully compliant with IEEE 802.3 10BaseT Ethernet specifications.
- Supports full duplex mode to double data transmission rate.
- Automatic polarity correction for 10BaseT.
- Includes a built-in 32 kb SRAM buffer to speed data transmission.
- Jumperless Plug & Play installation.
- Drivers for: Novell Netware 3.x, 4.x, Windows NT 3.1, NT 3.5, NT 4.0, Windows for workgroups 3.x, Windows 95, 98, 2000, ME, Lantastic 4.x, 5.x, 6.x, SCO UNIX.

System Requirements

1. An IBM-PC compatible computer.
2. One PCI slot.
3. One free IRQ.
4. One of the following operating systems: Windows 95/98, Windows Me, Windows NT 4.0/2000, MS-DOS/Windows 3.1.

Getting Started

This section is designed to help you prepare the Network Adapter for installation. Please read through this section carefully before attempting to install the card.

Unpacking the PCIBT

This package should contain:

- 1 x PCIBT card
- 1 x driver disk

Installation

Network Adapters, like all computer equipment, are subject to static electricity. Be sure that you are properly grounded. StarTech.com recommends that you wear an anti-static strap.

Installing the Card:

1. Make sure your system is unplugged and you are grounded.
2. Remove the cover of your system.
3. Remove the covering plate from a free PCI bay. (a PCI Bay is usually a short white slot found on the motherboard)
4. Insert the Network Adapter, and make sure it is firmly seated in the slot.
5. Using a #6-32 x 1/4" screw secure the card in place.
6. Put your computer case back on.

7. Connect to the network using AUI, thin or twisted-pair cables depending on the connector you are using.

Configuration/Diagnostics

The PCIBT is basically self-configurable and requires no intervention from the user. There are only 2 items that can be configured: Full/Half duplex, and Boot ROM enabled/disabled. You can also run diagnostic of the card from the Setup.exe program provided.

Insert the floppy diskette provided. Prompt the Setup.exe and you will see the following:

- Auto Configuration
- Manual Setup Configuration
- View current Configuration
- Diagnostic
- Exit

Please follow the easy menu-driven program to configure the card.

Driver Installation

For detailed information, please refer to the document in the diskette provided.

Examples:

1. For NetWare client, please execute the following:

```
lsl
pciodi
ipxodi
netx or vlm
f:
login username
```

2. For NetWare server, please execute the following:

```
load pcisrv
bind ipx pcisrv
load monitor
```

Boot ROM Installation (Optional)

The PCIBT provides a socket for a remote boot ROM. With a boot ROM, a host computer can load the operating systems over the network.

1. Plug in the boot ROM to the appropriate position, make sure the direction is correct.
2. Enable the boot ROM function. Please see Setup program for details.

Troubleshooting

Most common factors that cause an adapter to fail are configuration conflicts and cabling problems. PCI cards shouldn't have any conflict problems due to plug and play specification. If there is, check the cable and its connector and/or use the adapter LED indicators and Diagnostic Program. For information on the Diagnostic Program, please see the Setup program. If the problem persists, call your dealer for help.

LED Indicators

The LEDs help you monitor the network status. Their functions depend on the type of cable used.

***Link** monitors the data link status on the UTP cable. It turns ON when there is data link, and off when there is a bad connection.

***Activity** blinks when there is data transmission/reception.

FCC Warning

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used properly, may cause harmful interference to radio communications. Operation of the equipment in a residential area is likely to cause harmful interference.