

# 10/100 Mbps Network Adapter

USB to 10/100 Mbps Ethernet Adapter



## Installation Manual

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### USB100BT

## Overview

The StarTech.com USB to 10/100 Mbps Ethernet adapter allows any PC running Windows 98 or 2000 to connect to an Ethernet network. Its small size and convenient USB connection allow it to be installed without opening the computer, making it perfect for notebook PCs or computers that have all their expansion slots filled.

The USB100BT is perfect for connecting a notebook PC to a network or connecting a PC with no available IRQs on a network.

## Features

- Autosenses 10 or 100 Mbps network speed
- Is installed without opening the computer
- Works with Windows 98/2000/ME
- LEDs indicate connection speed, link, and activity
- Supports full duplex ethernet connections

## Specifications

USB Standards	USB Specification 1.1
Ethernet Standards	IEEE 802.3 and 802.3u
Connectors	1x RJ45 and 1x USB type B
LEDs	10/100 Mbps, Link/Activity
Driver Support	Windows 98/2000/ME
Dimensions	3.15 x 1.8 x 0.83 inches (80mm x 46mm x 21mm)
Weight	50g
Operating Temperature	0 - 50 degrees Celsius
Humidity	10 - 90% non-condensing
Certification	FCC, CE Mark

## Getting Started

This section is to help you prepare the USB100BT for installation. Please read through this section carefully before attempting to install the USB100BT.

### Unpacking the USB100BT

- 1 x Ethernet adapter
- 1 x USB A-B cable
- 1 x Driver disk

## Installation

### Hardware Installation

1. Connect the RJ45 connector of the USB adapter to the 10/100Mbps hub/switch of your LAN by using a twisted-pair cable (maximum length 100 meters). Use Category 3, 4 or 5 cable for 10Mbps Ethernet and Category 5 cable for 100Mbps Fast Ethernet.
2. Connect the USB Type B connector to the USB adapter and your PC's or USB Hub's USB Type A connector by using the standard USB cable (maximum length 5m).

### Software Installation

The drivers and utilities are supplied on the diskette included in this package.

Before you install the USB device driver, you must first make sure that your computer's USB controller device has been properly detected and configured under Windows. Also make sure that the USB port is enabled. Check your computer's user's manual for

more information on how to use the USB port.

1. Start Windows 98/ME. Click "Start", "Control Panel" and "System".
2. Click "Device Manager" and browse the device list. Check if the **Universal Serial Bus controller** device is present.

#### **Driver Installation**

1. Connect the USB Ethernet adapter to the PC.
2. Connect the USB Ethernet adapter to your network's hub or switch.
3. The New Hardware Wizard will be displayed.
4. When prompted for the installation medium, check **Floppy Disk Drive** and insert the software driver diskette.
5. Follow the displayed instructions.
6. You will observe several loading status windows.
7. When prompted to restart the PC, remove the driver diskette and click "Yes".

## Troubleshooting

If you experience any problems with this adapter, first make sure the appropriate driver is loaded, the proper cable is connected to the adapter and the hub complies with the adapter specification; then check the LED.

This adapter provides two LEDs to indicate network status.

### (1) 10M/100M

This LED indicates the connection speed of the USB Ethernet adapter. When the light is OFF, it indicates that the 10Mbps UTP connection is established. When the light is ON, it indicates that the 100Mbps Fast Ethernet connection is established.

### (2) Link/Activity

The Link/Activity LED indicates that the 10/100Mbps UTP connection has been LINK OK or not. When the light is OFF, it indicates that the 10/100Mbps port has not been connected or LINK not OK. When the light is ON, it indicates that the 10/100Mbps port connection is OK. When the light is BLINKING, it indicates that there is traffic flow on the network which the adapter is connected to.