

Fast Ethernet PC Card

CardBus 10/100 Fast Ethernet PC Card

UE1205CB

Instruction Guide



FCC COMPLIANCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Technical Support

The following technical resources are available for this StarTech.com product:

On-line help:

We are constantly adding new information to the *Tech Support* section of our web site. To access this page, click the *Tech support* link on our homepage, www.startech.com. In the tech support section there are a number of options that can provide assistance with this card.

Knowledge Base - This tool allows you to search for answers to common issues using key words that describe the product and your issue.

FAQ - This tool provides quick answers to the top questions asked by our customers.

Downloads - This selection takes you to our driver download page where you can find the latest drivers for this product.

Call StarTech.com tech support for help: **1-519-455-4931**
Support hours: Monday to Friday 9:00AM to 5:00PM EST (except holidays)

Warranty Information

This product is backed by a lifetime warranty. In addition StarTech.com warrants its products against defects in materials and workmanship for the periods noted below, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

Limitation of Liability

In no event shall the liability to StarTech.com Ltd. (or its officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

4. A dialog box will occur prompting you to adjust the driver's settings. Choose the "Memory Address", "IRQ Number", and "Connection Type" for the card. Click **OK**. The installation procedure will begin.
5. When the Network window reappears, click **Bindings**. Choose your bindings. Do the same for **Protocols** and **Services**. Click **OK**.
6. Click **Close** and reboot your computer. After NT restarts, be sure to log in.

Monitoring Your PC Card

The three LEDs on the front of the card are your best indication of what the card is doing.

LED	Colour	Status
Link 10	Green	Card is in 10 Mbps mode
Link 100	Green	Card is in 100 Mbps mode
Act	Orange	Network activity

Specifications

Standards	IEEE 803.2 and 802.3u
Power	+3.3V DC 10M: 107mA max 100M 104mA max
LEDs	Link 10, Link 100, Act
Operating Temperature	32°F to 140°F (0°C to 60°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Operating Humidity	10% to 90% (non condensing)
Emission	FCC (Part 15 Class B), 1998 CE Mark (Class B)

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Introduction

Thank you for purchasing a StarTech.com CardBus 10/100 Fast Ethernet PC Card. This 32-bit card connects your notebook computer to your Ethernet LAN and experience super-fast transfer speeds of up to 100Mbps. Full duplex support means that the card can simultaneously transmit and receive information at these high speeds. The card is a snap to install and set up and is fully Plug and Play compatible in a wide range of operating environments.

Features

- Complies with 10BaseT Ethernet and 100BaseTX Fast Ethernet standards
- Capable of full- and half-duplex communications
- Complies with Plug and Play specifications
- 32-bit bus-mastering data transfer
- Auto-negotiation function determines the optimal transmission rate
- Backed by StarTech.com's lifetime warranty

Before You Begin

To ensure a quick and easy card installation, please read through this section carefully before attempting to install the card.

System Requirements

- An IBM compatible notebook computer with a 486 or higher processor
- An open Type II PC Card socket
- PCMCIA release 2.1 compliant Card Services and Socket Services (usually already installed on notebook computers. Check your notebook's user guide for details)
- One of the following operating environments: Windows 95/98/Me/2000/XP, Microsoft Windows NT 3.5x/NT 4.0, Microsoft Windows for Workgroups 3.11, Novell NetWare 3.x/4.x, Microsoft LAN Manager, Packet Driver Applications, Windows 3.1, Lantastic 6.0

Contents

This package should contain:

- 1 x CardBus PC card
- 1 x driver disk

2. Select "Search for a suitable driver for my device (recommended)" and click **Next**.
3. Select "Floppy disk drives" and insert the driver disk into your floppy drive. Click **Next**.
4. Once the appropriate driver has been found, click **Next**.
5. You may see a "Digital Signature Not Found" window. Click **Yes** to continue.
6. When installation is complete, click **Finish**.

Windows XP

1. Windows XP will automatically detect the new hardware. At the Found New Hardware Wizard window, insert the driver disk into the floppy disk drive and click **Next** start to search floppy drive A for network driver.
2. Click Continue Anyway. Windows XP will begin installing the driver.
3. Click **Finish**.

Window NT 3.5

1. From **Control Panel**, choose **Network Setup**.
2. Click **Add Adapter**.
3. Select "<Other> Requires disk from manufacturer".
4. Insert the driver diskette into your floppy drive and type "A:\".
5. Select "CardBus Fast Ethernet Attached Port PC Card" from the list.
6. Set "Memory Address", "IRQ Number", and "Connection Type" to the desired settings from the lists of free resources available. Click **OK**.
7. Click **OK** to exit network setup.
8. Reboot your computer.

Windows NT4.0

1. From **Control Panel** choose **Network Setup**.
2. Click **Adapters**.
3. Click **Add**, followed by **Have Disk**. Insert the driver disk into your floppy drive. When asked to supply the path to the disk, type "A:\\" and click **OK**.

8. Click **OK** to restart the computer.
9. Go to the **Network** tab again and set up your Clients, Protocols, and Services.
10. Restart your computer again.

Windows 95 OSR2

1. Windows will automatically detect the new hardware device. Click **Next**.
2. Click **Other Locations**.
3. Insert the driver disk into your floppy drive. Type "A:\". The installation procedure will now begin. You may be required to insert your Windows 95 disk(s).
4. When installation is complete, go to the **Control Panel** and click the **Network** tab. Set up your Clients, Protocols, and Services, then restart your computer.

Windows 98

1. Windows 98 will automatically detect the new hardware device and prompt you to insert the device driver. Insert the driver disk into your floppy drive and click **Next**.
2. Select "Search for the best driver for your device (Recommended)" and click **Next**.
3. Select "Floppy disk drives" and click **Next**.
4. Click **Next** to begin the installation. You may be required to insert your Windows 98 CD.
5. Click **Finish** when the installation is complete and reboot your computer.

Windows Me

1. Windows Me will automatically detect the new hardware device. Select "Specify the location of the driver (Advanced)" and click **Next**.
2. Choose "Specify a location" and click **Browse**. Select your floppy drive and click **Next**.
3. Click **Next** when Windows has found the driver. The installation procedure will begin.
4. Click **Finish** when the installation has completed and reboot your computer.

Windows 2000

1. Windows will automatically detect the new hardware device. Click **Next**.

Installation

This section will guide you through the installation of your notebook card and the related software. Please read through the instructions carefully and complete each step in the order listed.

Installing the Card

1. Locate the PC slot on your notebook. Consult your notebook's user manual if you require assistance.
2. Slide the card gently into the slot until it is well seated.
3. Attach the card to your Ethernet hub/switch using a Category 5 UTP patch cable (not included).

NOTE: StarTech.com carries a wide range of Ethernet cables in various colors and lengths. For more information on these products, as well as tips and ideas for setting up and running your network, visit <http://www.startech.com> and click on the Networking Tab near the top of the screen.

Installing the Drivers

The following instructions are intended to help you install the necessary software drivers that accompany your PC card. Depending on how your computer is set up, the installation procedure might not be exactly as described. If you encounter difficulties while trying to install your drivers, please contact our Technical Support department.

NOTE: The following are installation instructions for Windows OS. If you are using Netware, Packet Driver, or any other supported environment, consult the driver installation instructions available in text form on the driver disk.

Windows 95 (Native)

NOTE! If you are unsure what version of Windows 95 you are running, go to **Control Panel** and select the **General** tab. If your system is listed as Microsoft Windows 95 4.00.950 or 4.00.950A, you are running Windows 95 Native. If your system is listed as 4.00.950B, you are running OSR2 Windows.

1. Go to **Control Panel** and click the **Network** tab.
2. Click **Add**.
3. Double-click **Adapter**.
4. Double-click **Have Disk**. Insert the driver disk into your floppy drive.
5. Type "A:\\" and click **OK**.
6. Select "CardBus Fast Ethernet 10/100 Adapter manual load" and click **OK**.
7. The **Network** window will reopen. Click **OK**. The installation procedure will begin. You may be required to insert your Windows 95 disk(s).