

CardBus Network Card

Gigabit 1000/100/10 Mbits/sec. Cardbus Network Card

CB1000BT

Instruction Manual



Actual product may vary from photo

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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.

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Introduction

Thank you for purchasing a StarTech.com Gigabit CardBus network card. This product offers an easy way to upgrade your notebook computer to take advantage of 1000 Mbits/sec. speeds on compatible Gigabit-over-Ethernet networks. Do you need the flexibility to connect to slower networks too? No problem. The CB1000BT can also auto-negotiate speeds of 10 and 100 Mbits/sec. for excellent compatibility across network environments.

Features

- An excellent blend of speed and compatibility: auto-negotiates 1000/100/10 Mbits/sec. speeds
- Easy Plug and Play setup
- Supports advanced features like Wake-on-LAN and multiple power saving modes for increased battery life on your notebook computer

Before You Begin

System Requirements

- An IBM-compatible computer with an available Type II CardBus slot
- One of the following operating systems: Windows 98SE, ME, NT 4.0, 2000, XP, 2003 Server, DOS, Linux
- A CD-ROM or other compatible optical drive (for software installation)

Contents

This package should contain:

- CB1000BT CardBus network card
- Installation CD
- Instruction Manual

Installation

This section will guide you through the installation of your card and the related software. Please read through the instructions carefully and complete each step in the order listed. **Do not insert the card into the computer before Windows has loaded.**

Windows ME/2000/XP/2003 Server

1. Once Windows has started, insert the CB1000BT into an available CardBus slot.
2. Windows will detect that new hardware has been added and start the **Add New Hardware Wizard**. Click **Next**.
3. Insert the installation CD that came with the card into your notebook's CD-ROM or other compatible optical drive. Choose **Search for a suitable driver...** Click **Next**.
4. It may take several moments for Windows to search your drives for the driver files. If you have previously installed a similar product on this computer, the wizard may open a dialog box that says **Please select the best match for your hardware from the list below**. If this occurs, choose the option with the location of `x:\PCMCIA\LAN\CBL1200_GIGALAN\WINXP_2K_ME\98SE` (where "x:" is the letter assigned to your CD-ROM drive) and click **Next**. If the dialog box does not appear, Windows will automatically copy the needed files without prompting you.
5. You may receive a warning that the driver file has not been digitally signed. When prompted, choose **Yes** or **Continue Anyway** to continue the driver installation.
6. Choose **Yes** if you are asked to restart the computer.

Windows 98SE

1. Windows will detect that new hardware is installed and launch the Add New Hardware Wizard. Click **Next** and choose the **Search for the best driver for your device (Recommended)** option. Click **Next**.
2. On the next screen select only **Specify a location**. Choose **Browse**.
3. In the file selection box, double click **CD-ROM Drive (X:)** and double click folders in the following order: **PCMCIA > LAN > CBL1200_GIGALAN > WINXP_2K_ME_98SE** and click **OK**. (Note that the letter and name of the drive where the CD is located will depend on your system configuration.)
4. The file location box under **Specify a location** will now contain the path to the files. Click **Next**.
5. The Wizard will inform you that "Windows is now ready to install the best driver for this device..." Click **Next**. The Wizard will complete the installation. Click **Finish**.

To Verify Installation

Windows 2000/XP/2003 Server

1. Go to **Start > Settings > Control Panel**.
2. Double click **System**.
3. Click the **Hardware** tab and choose **Device Manager**.
4. If the card does not appear with a red **x** or yellow exclamation point (!) next to it, Windows has not detected a problem with the installation and the card should function normally.

Windows 98SE/ME

1. Go to **Start > Settings > Control Panel**.
2. Double click **System**.
3. Click the **Hardware** tab.
4. If the card does not appear with a red **x** or yellow exclamation point (!) next to it, Windows has not detected a problem with the installation and the card should function normally.

Configuring Other Operating Systems

For information on how to configure the card for use with other operating systems, consult the documentation for that OS in the corresponding folder on the Installation CD.

Understanding the LED Status Indicators

The CB1000BT uses two indicators to show network status.

- F** - When flashing, indicates network activity
- L** - When solid, indicates a link with the network



Specifications

Form Factor / Interface	CardBus, Type II (32-bit)
Data Transfer Rates	1000, 100, 10 Mbits/sec. via auto-negotiation (Full and half duplex modes supported) Existing network hardware may limit connection speed
Supported Cabling	10-BaseT: Category 3/4/5/5E/6 100-BaseT: Category 5/5E/6 1000-BaseT: Category 5E/6, Category 6 recommended (The card supports auto-cabling detection and correction between crossover and straight-through connections)
OS Support	Windows: 98SE, NT 4, ME, 2000, XP, 2003 Server DOS Linux
Chipset	RTL8169SBL
Certifications	FCC Class B, CE

Safely Removing the Network Card

While the card can be removed with the computer running and Windows started (a process commonly referred to as “hot-plugging”), Windows does offer a “safe removal” feature that ensures that the card is inactive before it is removed from the CardBus slot. It is strongly recommended that you follow this procedure when removing the card from a computer to avoid data loss or equipment damage.

To use the safe removal feature:

1. Locate the hardware ejection icon in the System Tray (next to the clock). 
2. Left click the icon once to activate the device menu. 
3. Highlight the card (**Realtek RTL8169/8110 Family Gigabit Ethernet NIC**) from the list and click it once.
4. After a momentary pause, Windows will display a message informing you the card can be safely removed.
5. You can now physically remove the card from the slot.

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

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, 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.

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