

# SERIAL CARDBUS CARD

2 Port RS-232 Serial CardBus Card

CB2S650

Instruction Guide



**StarTech.com** 

The Professionals' Source For Hard-to-Find Computer Parts

#### 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 CB2S650 2 port CardBus RS-232 Serial card. This product allows you to add two high speed serial ports to your notebook computer in a compact form factor using easy Plug and Play setup.

## Features

- Adds two RS-232 serial ports to your notebook computer
- Supports Plug and Play installation
- Maximum data transfer rate of 920 Kbits/sec.
- 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 an available CardBus slot
- Minimum Operating System Requirements: Windows 2000 or XP
- A CD-ROM or other optical drive (for driver installation)

### Contents

This package should contain:

- 1 x CB2S650 CardBus card
- 1 x Installation CD
- 1 x 2 port DB9 connector dongle
- 1 x Instruction Guide

## 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.

1. Once Windows has started, insert the CB2S650 into an available CardBus slot.
2. Windows will detect that new hardware has been added and start the **Add New Hardware Wizard**.
3. Insert the installation CD that came with the card into your notebook's CD-ROM or other compatible optical drive. Choose **Install the software automatically**. 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\IO\CBS2000X\win2k and xp (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.
4. You may receive a warning that the driver file has not been digitally signed. When prompted, choose **Continue Anyway** to continue the driver installation.
6. Choose **Yes** if you are asked to restart the computer.

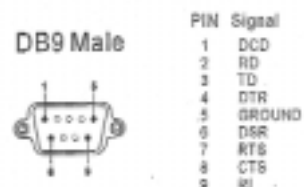
### To Verify Installation

1. Go to **Control Panel** and double-click the **System** icon.
2. Click the **Hardware** tab.
3. Click the **Device Manager** button.
4. Click the plus (+) symbol next to **Ports (COM & LPT)**. Two new serial ports (numbered COMx) should appear without exclamation marks or other errors.

You may now connect the dongle to the card (provided) and connect your serial devices.

### Specifications

Form Factor/Interface	CardBus, 32-bit
UART Chipset	Oxford CF950, 16C950 compatible
Max. Data Transfer Rate	920 Kbits/sec
Connector (to dongle)	44-pin female
Connectors (to peripherals)	2 x DB9 male (RS-232 serial)
Supported Operating Systems	Windows 2000, XP
Regulatory Certifications	FCC Class B, CE



**Pin Configuration**

## Safely Removing the CB2S650

While the CB2S650 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.

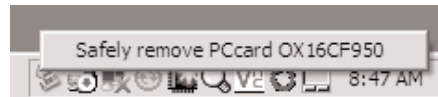
### To use the safe removal feature:

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 **PCcard OX16CF950** 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

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](http://www.startech.com). In the tech support section there are a number of options that can provide assistance with this product.

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:

**USA/Canada:** 1-800-265-1844

**UK/Ireland/Europe:** 00-800-7827-8324

*Support hours: Monday to Friday 8:30AM to 6:00PM 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, 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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**Revised: August 16, 2004 (Rev. B)**