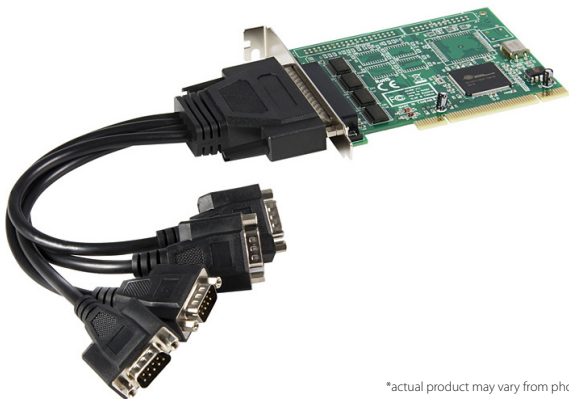


## 4 Port PCI RS232 Serial Card with 16550 UART

PCI4S550



\*actual product may vary from photos

DE: Bedienungsanleitung - [de.startech.com](http://de.startech.com)

FR: Guide de l'utilisateur - [fr.startech.com](http://fr.startech.com)

ES: Guía del usuario - [es.startech.com](http://es.startech.com)

IT: Guida per l'uso - [it.startech.com](http://it.startech.com)

NL: Gebruiksaanwijzing - [nl.startech.com](http://nl.startech.com)

PT: Guia do usuário - [pt.startech.com](http://pt.startech.com)

## 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 16950 PCI Serial card. The latest in Plug and Play expansion cards, this high-speed serial card provides your computer with four 16C950 UART (Universal Asynchronous Receiver-Transmitter) RS-232 serial ports (varies by model). You can connect any 9-pin external serial device such as a modem, mouse, or ISDN adapter to your system. This 32-bit, 33MHz PCI card is also backwards compatible with UART versions to ensure compatibility with a wide range of serial peripherals.

## Features

- Provides four 16C950 UART RS-232 serial ports
- Buffers up to 128 bytes for FIFO receiving/transmitting
- Fully adjustable IRQ trigger levels
- Automated flow-control to prevent UART overrun
- Backward compatible with 16C450, 16C550, 16C650, and 16C750 UARTs
- Complies with PCI Bus specification 2.2, Power Management 1.0, and Plug and Play specifications

## System Requirements

- Microsoft® Window® 95/ 98SE/ ME/ XP(32/64-bit)/ Vista(32/64-bit)/ 7(32/64-bit)/ Server 2008 R2, or Linux®
- An available Full profile PCI slot
- A CD-ROM or other compatible optical drive (for driver installation)

## Packaging Contents

- 1 x PCI serial card with Low Profile Installation Bracket
- 1 x DB9 Breakout Cable
- 1 x Full Profile Installation Bracket
- 1 x Installation CD
- 1 x Instruction Manual

# Installation

**WARNING!** PCI cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI card by its edges and not the gold connectors.

## Installing the Card

1. Make sure that your system is unplugged and you are grounded.
2. Remove the cover of your system (see your computer's user manual for details, if necessary) and gently turn your computer onto its side.
3. Locate an empty PCI slot (usually white in color) and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step. Retain this screw! You will need it to secure the card later.

**NOTE:** If installing the card into a Full/Standard profile system, replacing the pre-installed low profile bracket with the included full profile installation bracket may be necessary.

4. Gently insert the card into the empty slot, making sure it is firmly seated.
5. Secure the card in place using the screw you removed in Step 3.
6. Connect the port dongle provided to the port on the back of the card.
7. Put your computer case back on.

## Installing the Drivers

The current software drivers for this product are included on the provided installation CD. If you lose the installation CD or want to update the existing drivers in future, please visit [www.startech.com](http://www.startech.com) to download the most current version of the drivers. For advanced configuration instructions, consult the PDF files located in the doc folder on the installation CD. To view these files, you will need Adobe Acrobat Reader which is available as a free download from [www.adobe.com](http://www.adobe.com)

## Windows XP/2000

1. Windows will automatically detect the new hardware and start the Add New Hardware Wizard. Click Next.
2. Insert the installation CD that came with the card into your computer's CD-ROM or other compatible optical drive. Choose Search for a suitable driver... (Windows 2000) or Install the software automatically (Windows XP). Click Next.
3. You may receive a warning that the driver is not digitally signed. Choose OK (Windows 2000) or Continue Anyway (Windows XP) when prompted to complete the installation.
4. When Windows is done copying files, you will see a message above the System Tray (next to the clock) stating that the card is installed and ready to use. You may now attach your serial devices.

## Windows 95/ 98/ 98SE/ ME

1. Windows will automatically detect the new hardware and start the Add New Hardware Wizard. Click Next.
2. Choose Search for the best driver for my device and click Next.
3. Insert the installation CD that came with the card into your computer's CD-ROM or other compatible optical drive. Check CD-ROM from the list. Click Next.
4. The system will locate the appropriate driver. Click Next.
5. When the system is finished installing the driver, click Finish. Once the main driver for the card is installed, the system will install the serial ports automatically.

## Windows NT4

1. Insert the driver disk into the disk drive. Browse to the WinNT4 folder on the installation CD and double-click on the Install\_Ssr.exe file.
2. When the installation application starts, click Next to continue.
3. Ensure that Install is selected, then click Next.
4. Click OK to accept the license agreement. The system will install the drivers and the ports will be ready for use.

# Specifications

<b>Host Interface</b>	PCI, 32-bit PCI v2.2 compliant
<b>Form Factor</b>	Full Profile
<b>Chipset</b>	Oxford OX16PCI954
<b>Connectors</b>	4 x DB9 male (via breakout cable)
<b>Supported Serial Protocol</b>	RS-232
<b>Maximum Data Transfer Rate</b>	115.2 Kbps
<b>Regulatory Certifications</b>	FCC Class B, CE, UL

# 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](http://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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