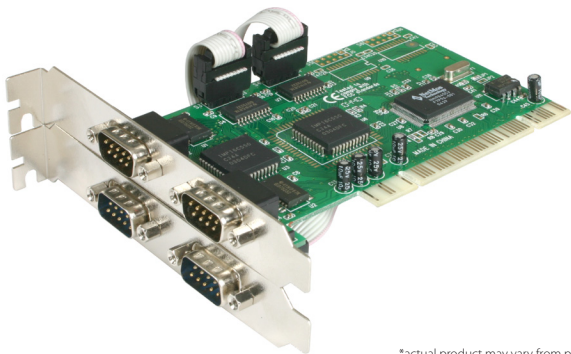# 4 Port PCI RS232 Serial Adapter Card with 16550 UART

PCI4S550N

*actual product may vary from photos

DE: Bedienungsanleitung - de.startech.com
FR: Guide de l'utilisateur - fr.startech.com
ES: Guía del usuario - es.startech.com
IT: Guida per l'uso - it.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - 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 four-port serial PCI card. With this card installed, you can connect up to four serial peripheral devices like printers, scanners, or digital cameras. This 32-bit PCI card can transfer data at speeds of up to 1 Mbps and complies with Plug and Play specifications, so connecting and using your serial peripherals is easier than ever.

Features

- Adds four 16C550 serial ports to your computer
- Transfer data at speeds up to 1 Mbit/sec
- Complies with 32-bit PCI Bus 2.1 and Plug and Play specifications
- Provides 16-byte deep FIFO per transmitter and receiver
- Supports re-mapping to Legacy ISA ports (DOS, Win 95/ 98SE/ ME only)

System Requirements

- Computer with available PCI slot and two adjacent Full Profile expansion slots
- Microsoft® Windows® 95/ 98SE/ ME/ 2000/ XP/ Server 2003/ Vista/ Server 2008 R2/ 7 (32/64-bit), or Windows XP Embedded/ POS Ready 2009/ Embedded System 2009 OS/ CE 5.0/ 6.0, or Apple® Mac OS® 10.4/10.5, or Linux®

Packaging Contents

- 1 x PCI serial card
- 1 x Full Profile Bracket with two DB9
- 1 x Driver CD
- 1 x Instruction Manual

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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 colour) and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step.
Hang on to the screw! You will need it to secure the card later.

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 cables from the additional serial ports to the I/O card, making sure that the red stripes are on their respective Pin 1s.
NOTE: If you are unsure of the location of Pin 1, look at the back of your card. The pin marked with the square solder is Pin 1.

7. Remove a second metal plate from the rear bracket and secure the second plate into place in the manner described above.

8. Put your computer case back on and turn the computer on.

Installing the Drivers

Before attaching any peripherals to your serial card, you should install the software drivers that accompany this device. Depending on your OS and the configuration of your system, the instructions below may not be identical to the instructions on your screen. Linux users: Consult the text file located in the Linux folder on the driver disk. DOS users: Copy the NMDOSIN.exe file from the DOS folder on the driver disk onto your hard drive and run NMDOSIN.exe/? for further instructions.

Win XP/2000/Me/98

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

2. Select Search for the best driver for my device (Recommended) and click Next.

3. Insert the driver disk into the disk drive. Select Specify a location and click Next.

4. Click Browse and direct Windows to the appropriate folder on the driver disk.
NOTE: Windows Me users should use the Windows 98 folder.

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5. Click on the Next folder to begin installation.

6. When installation is complete, click Finish and restart your computer.

Windows NT 4.0

1. Open the WinNT folder on the driver disk and double-click on the Nt40.exe icon.

2. Click Continue.

3. Click Next to begin the installation process.

4. Select "Yes to restart" and click Finish to reboot your computer.

Specifications

Host Interface	32-bit PCI (3.3V/ 5V)
Form Factor	Full Profile
Chipset	MosChip MCS9845
Connectors	4 x DB9 male
Supported Serial Protocol	RS-232
Maximum Data Transfer Rate	115.2 Kbps
Compatible Operating Systems	DOS, Windows 95/ 98SE/ 2000/ XP(32/64-bit)/ Server 2003(32/64-bit)/ Vista(32/64-bit)/ 7(32/64-bit)/ Server 2008 R2, Linux, Mac OS 10.4/ 10.5 Windows XP Embedded/ POS Ready 2009/ Embedded System 2009 OS/ CE 5.0/ 6.0

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Technical Support

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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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