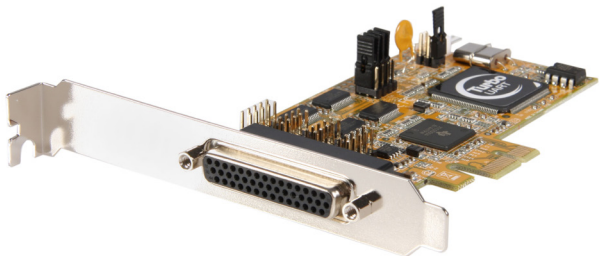


4 Port PCI Express RS232 Serial Adapter Card with 16950 UART

PEX4S950



*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

For the most up-to-date information, please visit: www.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.

Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. Regardless of any direct acknowledgement elsewhere in the body of this document, StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

Table of Contents

Introduction	1
Features	1
System Requirements.....	1
Package Contents	1
Installation	2
Hardware Installation	2
Software Installation.....	2
Specifications	4
Technical Support	5
Warranty Information	5

Introduction

Thank you for purchasing a StarTech.com 4 port PCI Express 16C950 Serial Card. Following simple installation, you will now be able to add four RS-232 ports for connections to card readers, printers, scanners and more, while requiring only a single PCI Express slot.

Features

- Fully compatible with 16C550 type devices
- High performance 16C950 UART channel
- Maximum data transfer rate of 115.2Kbps

System Requirements

- A PC with an available PCI Express slot
- Windows 2000 / 2003 32-bit or 64-bit / WindowXP 32-bit or 64-bit / Vista / Vista 64-bit, or Linux

Package Contents

- PCI Express Serial Card
- Four Port Breakout Cable
- Instruction Manual
- Driver CD

Installation

WARNING! PCI Express 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 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 card by its edges and not the gold connectors.

Hardware Installation

1. Remove the computer cover. For more detailed instruction on how to perform this step, please refer to the documentation that was included with your computer at the time of purchase.
2. Locate an empty PCI Express slot, removing the metal bracket covering the accompanying empty port/socket.
3. Position the card above the open PCI Express slot, ensuring that the card is properly aligned with the slot. Insert the card firmly into the slot, distributing force evenly across the length of the board. Once inserted, secure the card into the adjoining socket (previously covered by metal bracket), using the correct size screw.
4. Replace the computer cover and re-connect all power to the computer.

Software Installation

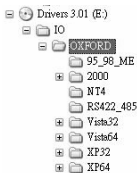
1. Power on the host computer, and wait for the operating system to fully boot. Once it does, the added card will be detected and you will be prompted to provide the necessary drivers.
2. Insert the Driver CD that was included with PEX4S950 into the CD/DVD-ROM drive.

Please note: When installing the software for PEX4S950, ensure that you browse to the correct operating system folder. Allowing Windows to search for the file may result in the incorrect file being installed, as the Driver CD contains several versions of the necessary software.

3. When the Found New Hardware Wizard is displayed, please select Install from a list or specific location (Advanced) and click Next.



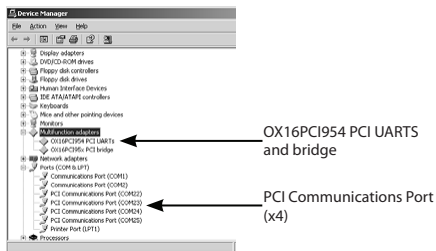
4. Select Include this location in the search, then click on Browse to specify the exact file location (E:\IO\OXFORD\NT4 etc.) and click Next to continue. Please note that if the exact file is not selected, an installation conflict could occur. Please pay particular attention to the folder name, when browsing to the destination file.



5. Click Next to continue and click Finish to complete the installation.
6. Right-click on the My Computer icon, and select Manage. Choose Device Manager (in the left pane), and double-click on Ports (in the right pane).
7. Right-click on one of the newly added ports, and choose Properties. Click on the Data rate tab, then click on Detect Crystal Frequency. Click OK to save this setting.
8. You will be required to complete steps 1-7 multiple times in order to install all necessary components. Please do so. Once complete, a message balloon will appear in the taskbar (normally the bottom right corner of the screen), indicating that installation is complete:



9. To confirm that all of the necessary components have successfully been installed browse to the Device Manager. To perform this step, right-click on My Computer and select Manage. In the left pane of the Computer Management window that appears, click on Device Manager. In the right pane, you should see the following:



10. Installation is now complete. You can now connect serial devices as desired, to the ports provided by the card.

Specifications

Regulatory Certifications	ROHS, FCC, CE
Bus Type	PCI Express
Connectors	1 x DB44 Pin Female Connector
Maximum Data Transfer Rate	115.2 Kbps
OS Support	Window 2000 / XP 32-bit and XP 64-bit / Vista 32-bit and Vista 64-bit / Linux

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.

For the latest drivers/software, please visit www.startech.com/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.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their 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 or 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.

Hard-to-find made easy. At StarTech.com, that isn't a slogan. It's a promise.

StarTech.com is your one-stop source for every connectivity part you need. From the latest technology to legacy products — and all the parts that bridge the old and new — we can help you find the parts that connect your solutions.

We make it easy to locate the parts, and we quickly deliver them wherever they need to go. Just talk to one of our tech advisors or visit our website. You'll be connected to the products you need in no time.

Visit www.startech.com for complete information on all StarTech.com products and to access exclusive resources and time-saving tools.

StarTech.com is an ISO 9001 Registered manufacturer of connectivity and technology parts. StarTech.com was founded in 1985 and has operations in the United States, Canada, the United Kingdom and Taiwan servicing a worldwide market.