2-Port Serial Card with 16C1050 UART - RS232 – PCIe

PEX2S1050

*actual product may vary from photos

FR: Guide de l’utilisateur - fr.startech.com
DE: Bedienungsanleitung - de.startech.com
ES: Guía del usuario - es.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com
IT: Guida per l’uso - it.startech.com

For the latest information, technical specifications, and support for this product, please visit www.startech.com/PEX2S1050

Manual Revision: 11/07/2018
**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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user’s authority to operate the equipment.

**Industry Canada Statement**

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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Introduction

This serial card lets you add two RS232 serial ports to your full or small form-factor computer through a PCI Express expansion slot. It features a dual-channel 16C1050 UART for compatibility with 16C1050 serial devices. It’s a convenient solution for connecting modern or legacy serial devices to your computer, with support for data transfer rates up to 460Kbps.

Product diagram

Top view

![Top view diagram](image)

Bracket (full-profile pictured)

DB9 ports

PCI Express x1 connector

Front view

![Front view diagram](image)

Screw locks

Screw locks

Quick-start guide
**Package contents**

- 1 x serial card
- 2 x low-profile brackets
- 1 x driver CD
- 1 x quick-start guide

**Requirements**

- A host computer with a PCI Express x1 slot (two expansion slots are required for installation into a low-profile computer)
- A CD-ROM, DVD-ROM, or other compatible optical drive (for driver CD installation)
- RS232 serial cables (DB9)
- Any of the following operating systems:
  - Windows® 10, 8.1, 8, 7 and Windows Server® 2012
  - Mac OS 10.11, 10.10, 10.9 and 10.8
Hardware installation

Install the low-profile brackets
The serial card can be installed in a low-profile (half-height) or a full-profile computer. The full-profile bracket comes preinstalled on the card, but if you have a small form-factor computer, you can install the two low-profile brackets instead.

1. Remove the four screw locks that are securing the DB9 serial ports to the full-profile bracket.
2. Remove the full-profile bracket from the card.
3. Align the low-profile bracket’s DB9 port holes with the DB9 ports on the card.
4. Insert one DB9 serial port into the DB9 port hole on each of the two low-profile brackets using the screw locks from step 1.
5. Insert the two screw locks from step 1 and tighten them into place on each low-profile bracket.

Install the PCIe Card
Warning! PCIe cards can be severely damaged by static electricity. If an anti-static strap isn't available, discharge any built-up static electricity by touching a large grounded metal surface for several seconds.

1. Turn off your computer and any devices or peripherals that are connected to it, such as printers or external storage devices.
2. Unplug the power cable from the back of your computer.
3. Disconnect any peripheral devices that are connected to your computer.
4. Remove the cover from your computer case. Consult the documentation that came with your computer for details about how to do this safely.
5. Locate an open PCIe slot and remove the corresponding metal cover plate from the back of your computer case. Consult the documentation that came with your computer for details about how to do this safely. This card works in PCIe slots of x1, x4, x8, or x16 lanes.
6. Gently insert the card into the open PCIe slot and fasten the bracket to the back of the case. For low-profile installations, two open slots on your computer case are required, one for the PCIe card, and one additional open slot for the second low-profile bracket.

Note: If you install the card into a low-profile (small form-factor) desktop system, it might be necessary to replace the preinstalled full-profile bracket with the two included low-profile installation brackets. See “Install the low-profile brackets” for instructions on how to do this.
7. Place the cover back onto your computer case.
8. Reconnect the power cable to the back of your computer.
9. Reconnect all of the peripheral devices that you disconnected in step 3.
10. Turn on your computer.

Software installation

Install the driver - Windows
1. Insert the provided driver CD into your computer’s CD-ROM or DVD-ROM drive.
2. Navigate to and open Device Manager.
3. Under Other devices, right-click on the PCI Serial Port device then click Update Driver Software.
4. Click the Browse my computer for driver software button.
5. Click the Browse button.
6. Navigate to your CD-ROM or DVD-ROM location.
7. Select the Windows folder that’s applicable to the operating system running on the computer. For 32-bit versions of Windows select the Win2000,XP,2003,Vista,2008,7 folder. For 64-bit versions of Windows select the WinXP,2003,Vista,2008,7 x64 folder, then click the OK button.
8. Click the Next button to complete the installation process.

Install the driver - Mac OS
The card is natively supported by the following Mac operating systems:
- Mac OS 10.11
- Mac OS 10.10
- Mac OS 10.9
- Mac OS 10.8

After the card is installed inside your Mac computer, the drivers will automatically install.
Technical support
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For the latest drivers/software, please visit www.startech.com/downloads

Warranty information
This product is backed by a two-year warranty.
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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