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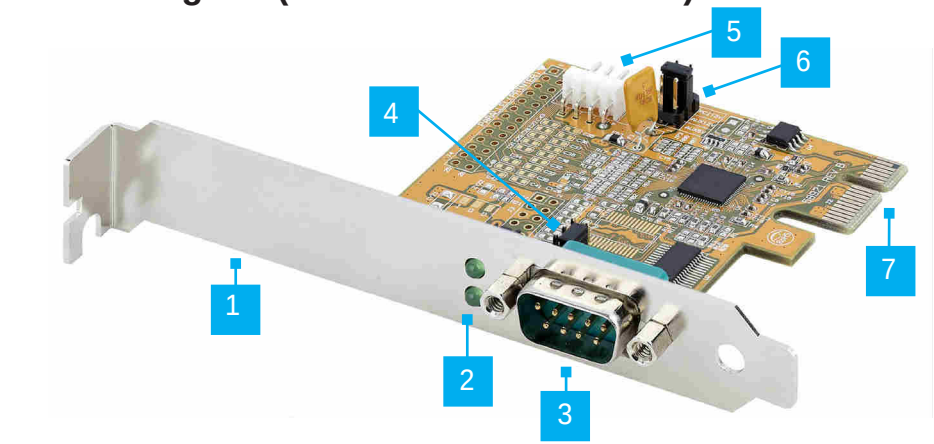
Quick-Start Guide

1-Port PCI Express Serial Card with COM Port Activity LEDs - 16C1050 UART

Product Diagram (11050-PC-SERIAL-CARD)



	Port/LED/ Connector	Function
1	Bracket	• Used to secure the card on the **Host Computer**
2	Activity LEDs	• Receive and transmit LEDs illuminate green when there's activity
3	Serial Port DB-9	• Connect **Serial Peripheral Devices**
4	J2 Jumpers	• Used to **Enable** or **Disable Pin 9** power output. The default position is **Disable**.
5	J5 Power Connector	• Optional: connect the **Host Computer Power Supply** (4 Pin SP4/Floppy power connector) to Provide Power over **PIN 9**
6	J3 Jumper	• Optional: used to change the voltage output of **Pin 9** • **PCI12V** draws power from the PCIe slot. Outputs **12V** • **AUX12V** draws power from the **J5 Power Connector.** Outputs **12V** • **AUX5V** draws power from the **J5 Power Connector.** Outputs **5V**
7	PCIe 2.0 x1 Connector	• Insert into a **PCI Express Slot** on the **Host Computer**

Package Contents

- Serial Parallel PCI Express Card x1
- Low-Pro□le Bracket x1
- Quick-Star Guide x1

Requirements

For the latest requirements, please visit www.startech.com/11050-PC-SERIAL-CARD

- Computer with an available PCI Express Slot (x1, x4, x8, or x16)

Installation

Install the PCI Express Card

WARNING!

PCI Express Cards *can be severely damaged by static electricity. Ensure that you are properly grounded before you open your* ***Computer Case*** *or touch the* ***PCI Express Card****. You should wear an* ***Anti-Static Strap*** *when you install any computer component. If an* ***Anti-Static Strap*** *isn't available, discharge any built-up static electricity by touching a large* ***Grounded Metal Surface*** *for several seconds. Only handle the* ***PCI Express Card*** *by its edges and don't touch the gold connectors.*

1. Turn o□ your **Computer** and any **Peripheral Devices** that are connected to it (for example, **Printers**, **External Hard Drives**, **etc**.).
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 **PCI Express Slot** and remove the corresponding **Slot Cover Plate** from the back of your **Computer Case**. Consult the documentation that came with your **Computer** for details about doing this safely. This card works in PCI Express x1, x4, x8, or x16 slots.
6. Gently insert the **PCI Express Card** into the open **PCI Express Slot** and fasten the **Bracket** to the back of the **Computer Case**.

Note: *If you install the* ***PCI Express Card*** *into a* ***Small Form Factor*** *or a* ***Low-Pro le Desktop System****, it may be necessary to replace the pre-installed standard* ***Full-Height Bracket*** *with the included* ***Low-Pro le Bracket****.*

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7. To provide power over **Pin 9,** connect a **4 Pin SP4/Floppy power connector** from the **Host Computer Power Supply** to the **J5 Power Connector** on the card.
   a. To set the desired voltage, **5V** or **12V**, insert the jumper cap on the corresponding labeled 2-pin connector on the **J3 Jumper**.

   Note: *Verify the* ***Serial Peripheral Device*** *supports additional voltage on* ***Pin 9*** *before making changes. Severe damage to the equipment can occur.*
8. Change the jumper caps of both **J2 Jumpers** from **DIS** (disabled) **Pins 1-2** to **PWR** (power) **Pins 2-3**.
9. Return the **Cover** onto your **Computer Case**.
10. Reconnect the **Power Cable** to the back of your **Computer**.
11. Reconnect all of the **Peripheral Devices** that were disconnected in **Step 3**.
12. Turn on your **Computer**.

Install the Driver

1. Navigate to www.startech.com/11050-PC-SERIAL-CARD
2. Click the **Drivers/Downloads** tab.
3. Under **Driver(s)**, download the **Driver Package** for your operating system.
4. Open the **Driver Package** and locate the corresponding folder for the **Operating System** Version.
5. Execute the **Setup File** to install the driver package to your computer.

Verify Driver Installation (Windows)

1. Navigate to the **Device Manager**.
2. Under **Ports (COM & LPT)**, right-click **AX99100 PCIe to High Speed Serial Port** and click **Properties**.
3. Con□rm that the **Driver** is installed and working as expected.

Verify Driver Installation (Linux)

1. Run **lsmod | grep r8125** from the command line.
2. Verify that the **Driver** is present in the command line.

Regulatory Compliance

FCC - Part 15

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 o□ and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Connect the equipment into an outlet on a circuit di□erent 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 modi□cations 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)
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Warranty Information

This product is backed by a two-year warranty.
For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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