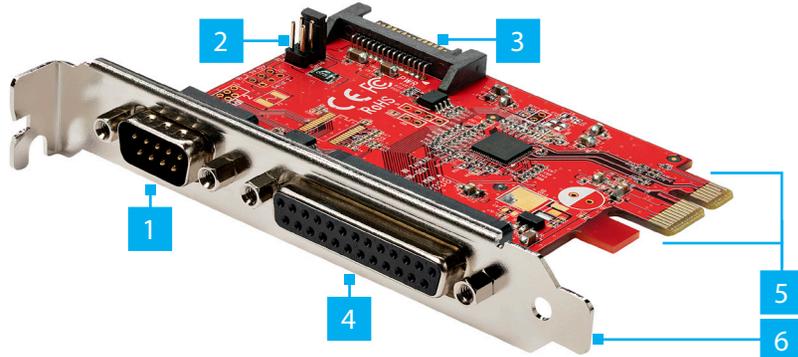


## 1S1P Native PCI Express Serial Parallel Combo Card with 16C950 UART

### Product Diagram (PEX1S1P950)

#### Front Angle View



Port	Function
1	Serial Port <ul style="list-style-type: none"> <li>Connect <b>Serial Peripheral Devices</b></li> <li>DB-9 Parallel (Male)</li> </ul>
2	Jumper <ul style="list-style-type: none"> <li>Set the power output voltage for the <b>Serial Port</b></li> </ul>
3	SATA Power Connector <ul style="list-style-type: none"> <li>Connect to a <b>SATA Power Source</b></li> <li>(Optional) Power the <b>Serial Port</b></li> </ul>
4	Parallel Port <ul style="list-style-type: none"> <li>Connect <b>Parallel Peripheral Devices</b></li> <li>DB-25 Parallel (Female)</li> </ul>
5	PCIe Connector <ul style="list-style-type: none"> <li>Connect the <b>PCIe Card</b> to the <b>PCI Express Slot</b> in the <b>Computer</b></li> </ul>
6	Bracket <ul style="list-style-type: none"> <li>For full profile installations</li> </ul>

### Package Contents

- Serial and Parallel PCI Express Card x 1
- Full Profile Bracket (Installed) x 1
- Quick-Start Guide x 1

### Requirements

For the latest requirements, please visit:  
[www.startech.com/PEX1S1P950](http://www.startech.com/PEX1S1P950).

- Computer with an available PCI Express slot (x1)

### Hardware Installation

**Warning:** *PCIe Cards* can be damaged by static electricity. Make sure that the **Installer** is properly grounded before they open the **Computer Case** or touch the **PCIe Card**. The **Installer** should wear an **Anti-Static Strap** when installing any computer component. If an **Anti-Static Strap** is not available, discharge any built-up static electricity by touching a large **Grounded Metal Surface** for several seconds. Only handle the **PCIe Card** by its edges and do not touch the gold connectors.

### Jumper Configuration

**Note:** This **PCIe Card** is specially designed to allow for power output from the ninth pin of the **Serial Port** for **Serial Devices** that support power over serial. **Jumper** configuration is a requirement when connecting **Serial Devices** that require power through the **Serial Port**.

The **Jumper** can be moved into one of three different positions in order to set the power output voltage for the **Serial Port**. The default setting for the **Jumpers** is **RI**, no power. The **SATA Power Connector** must be connected after configuring the **Jumper** to **5V** or **12V** of power. To configure the **Jumper**, complete the following:

1. Ensure the **Computer Power** is **Off**.
2. Locate and carefully remove the **Jumper**. Lift the **Jumper** straight up and off of the **PCIe Card**.

**Notes:** The **Jumper** is located on the left-hand side, labeled as **Serial 1** on the **Printed Circuit Board**.

**Always** hold the **Card** by the edges.

3. Determine the power setting that is required for the **Serial Port**.
4. Position the **Jumper** over the set of **Pins** that correspond with the desired **Serial Connector Power Setting**. See *Figure 1* to determine where the **Jumper** should be positioned.

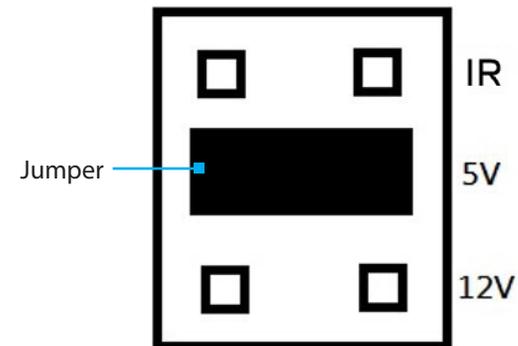


Figure 1

5. Push the **Jumper** straight down and into place.

**Note:** Push the **Jumper** all the way into position for proper contact.

## Installing the Card

1. Turn off the **Computer** and any **Peripheral Devices** that are connected (e.g. printers, external hard drives, etc.).
2. Unplug the **Power Cable** from the rear of the **Computer** and disconnect any **Peripheral Devices** that are connected.
3. Remove the **Cover** from the **Computer Case**.

**Note:** Consult the documentation that came with the **Computer** for details about how to do this safely.

4. Locate an open **PCI Express Slot** and remove the corresponding **Metal Cover Plate** from the rear of the **Computer Case**. In most instances, the **Metal Cover Plate** is attached to the rear of the **Computer Case** with a single **Screw**. Save this **Screw** for the next step.
5. Gently insert the **PCIe Card** into the open **PCI Express Slot** and fasten the **Bracket** to the rear of the **Computer Case**, using the **Screw** from step 4.
6. Place the **Cover** back onto the **Computer Case**.
7. Reconnect all of the **Peripheral Devices** that were disconnected in step 2.
8. Connect a **Serial Device** to the **Serial Port** on the **PCIe Card**.
9. Connect a **SPP/EPP/ECP Peripheral Device** to the **Parallel Port** on the **PCIe Card**.
10. Reconnect the **Power Cable** to the rear of the **Computer**.

### 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:

- 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)

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.

### 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. 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.

## Software Installation

### Driver Installation

You can download the latest **Drivers** from the StarTech.com website:

[www.startech.com/PEX1S1P950](http://www.startech.com/PEX1S1P950).

Navigate to the **Drivers/Downloads** tab to locate the **Drivers**. Follow the instructions included with the **Driver Files**.

### Warranty Information

This product is backed by a lifetime warranty.

For further information on product warranty terms and conditions, please refer to [www.startech.com/warranty](http://www.startech.com/warranty).

### 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.

### Safety Measures

- If product has an exposed circuit board, do not touch the product under power.

### Mesures de sécurité

- Si l'un des circuits imprimés du produit est visible, ne pas touchez le produit lorsqu'il est sous tension.

### 安全対策

- 製品に露出した状態の回路基盤が含まれる場合、電源が入っている状態で製品に触らないでください。

### Misure di sicurezza

- Se il prodotto ha un circuito stampato visibile, non toccare il prodotto quando è acceso.

### Säkerhetsåtgärder

- Rör aldrig vid enheter med oskyddade kretskort när strömmen är påslagen.

### StarTech.com Ltd.

45 Artisans Cres  
London, Ontario  
N5V 5E9  
Canada

### StarTech.com LLP

4490 South Hamilton  
Road  
Groveport, Ohio  
43125  
U.S.A.

### StarTech.com Ltd.

Unit B, Pinnacle 15  
Gowerton Rd,  
Brackmills  
Northampton  
NN4 7BW  
United Kingdom

FR: fr.startech.com  
DE: de.startech.com  
ES: es.startech.com  
NL: nl.startech.com  
IT: it.startech.com  
JP: jp.startech.com