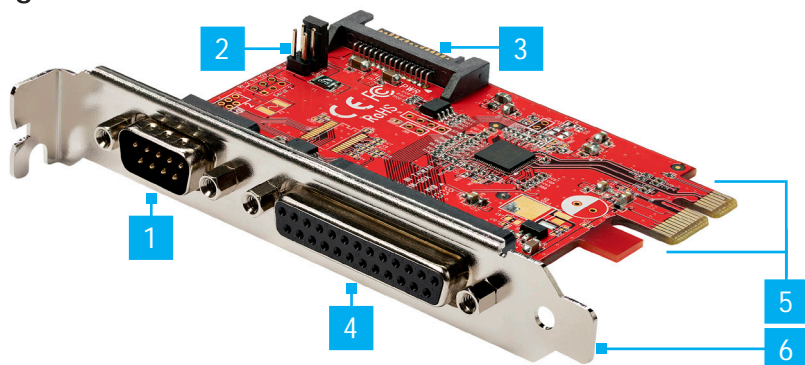


1S1P Native PCI Express Serial Parallel Combo Card with 16C950 UART

Product Diagram (PEX1S1P950)

Front Angle View



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

Package Contents

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

Requirements

For the latest requirements, please visit:
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 Con guration

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 con guration** is a requirement when connecting **Serial Devices** that require power through the **Serial Port**.

The **Jumper** can be moved into one of three di erent 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 con guring the **Jumper** to **5V** or **12V** of power. To con gure 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.

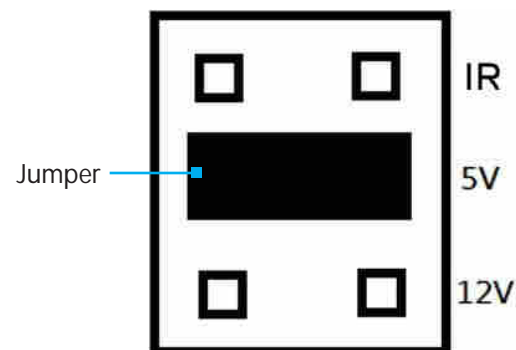


Figure 1

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.

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Software Installation

Driver Installation

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

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.

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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.

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