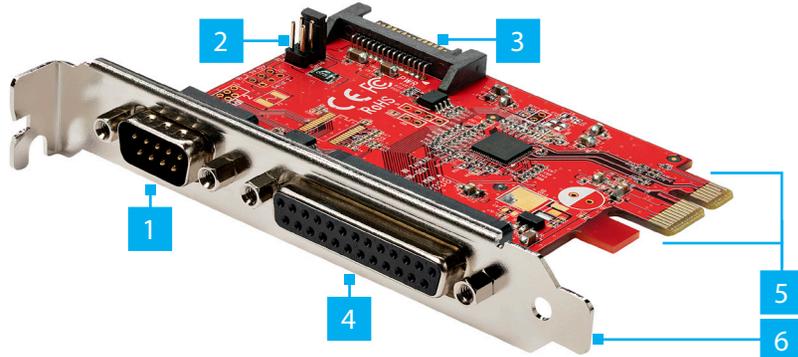StarTech.com
Hard-to-find made easy®

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

Product Diagram (PEX1S1P950)

Front Angle View

	Port	Function
1	Serial Port	• Connect **Serial Peripheral Devices** • DB-9 Parallel (Male)
2	Jumper	• Set the power output voltage for the **Serial Port**
3	SATA Power Connector	• Connect to a **SATA Power Source** • (Optional) Power the **Serial Port**
4	Parallel Port	• Connect **Parallel Peripheral Devices** • DB-25 Parallel (Female)
5	PCIe Connector	• Connect the **PCIe Card** to the **PCI Express Slot** in the **Computer**
6	Bracket	• For full profile installations

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.

• 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.
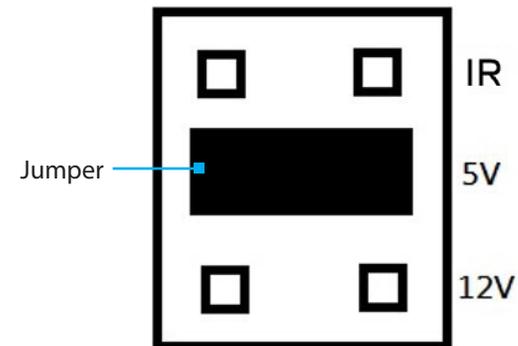

Figure 1

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**.

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**.