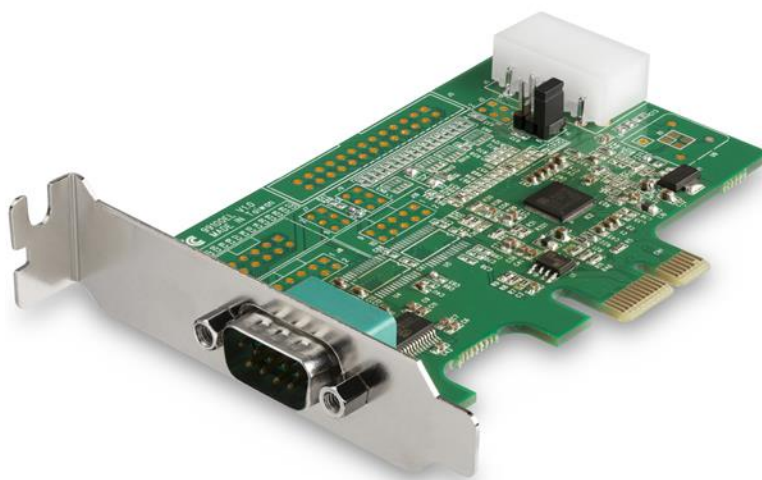


# 1-Port RS232 Serial Adapter Card with 16950 UART

Product ID: PEX1S953LP



This RS232 Serial Adapter Card lets you add an RS232 DB9 serial port to your computer through a PCI Express (PCIe) slot. It enables you to interact with serial devices such as card readers, printers, PIN pads, and modems, at speeds of up-to 921.4Kbps.

## Maximum Compatibility

With broad OS support, including for Windows and Linux, this PCI Express card is easy to integrate into mixed environments. The card comes pre-configured with a low-profile bracket, and includes an optional full-profile bracket, so installation is easy regardless of the case form factor.

## Experience Optimal Technology

This PCIe to serial adapter supports the following features:

- Compatible with industry standard 16950 UART
- Supports max baud rate of up-to 921.4Kbps
- Provides 5/12V power output on Pin 9 when external power is connected
- 128-byte depth FIFO per transmitter and receiver

- Supports 9, 8, 7, 6, 5 data bits
- Asix AX99100 chipset
- PCI Express 1.1 compliant

PEX1S953LP is backed by a StarTech.com lifetime warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Install in home or office workstations
- Connect in retail POS applications
- Connect to automated self-service kiosks or ATM machines
- Interact with RS232 serial devices like card readers or printers

### Features

- Add RS232 DB9 capabilities without purchasing a new server or computer
- PCI Express 1.1 compliant ensuring a reliable performance
- Maximize case form factor integration with a low-profile or full-profile bracket
- High-speed data transfer rates of up to 921.4Kbps
- Supports 256-byte depth FIFO per transmitter and receiver

|                                     |                          |                                                                                                                               |
|-------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                     | Warranty                 | Lifetime                                                                                                                      |
|                                     | Bus Type                 | PCI Express                                                                                                                   |
|                                     | Card Type                | Low Profile (SP bracket incl.)                                                                                                |
|                                     | Chipset ID               | Asix AX99100                                                                                                                  |
|                                     | Interface                | Serial                                                                                                                        |
|                                     | Port Style               | Integrated on Card                                                                                                            |
|                                     | Ports                    | 1                                                                                                                             |
| <b>Performance</b>                  | Data Bits                | 5, 6, 7, 8, 9                                                                                                                 |
|                                     | FIFO                     | 256 Bytes                                                                                                                     |
|                                     | Flow Control             | None, Xon/Xoff, RTS/CTS                                                                                                       |
|                                     | Max Baud Rate            | 921.6 Kbps                                                                                                                    |
|                                     | Parity                   | None, Odd, Even, Space, Mark                                                                                                  |
|                                     | Serial Protocol          | RS-232                                                                                                                        |
|                                     | Stop Bits                | 1, 1.5, 2                                                                                                                     |
| <b>Connector(s)</b>                 | Connector Type(s)        | 1 - PCI Express x1 Male                                                                                                       |
|                                     | External Ports           | 1 - DB-9 (9 pin, D-Sub) Male                                                                                                  |
|                                     | Internal Ports           | 1 - LP4 (4 pin; Large Drive Power) Male Input                                                                                 |
| <b>Software</b>                     | Microsoft WHQL Certified | Yes                                                                                                                           |
|                                     | OS Compatibility         | Windows® 7, 8, 8.1, 10<br>Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016<br>Linux 2.4.x to 2.6.x <i>LTS Versions only</i> |
| <b>Special Notes / Requirements</b> | <b>Note</b>              | Selectable power output on pin 9 of the serial port                                                                           |
| <b>Environmental</b>                | Humidity                 | 20~80% RH                                                                                                                     |
|                                     | Operating Temperature    | 0°C to 70°C (32°F to 158°F)                                                                                                   |
|                                     | Storage Temperature      | -20°C to 80°C (-4°F to 176°F)                                                                                                 |
| <b>Physical Characteristics</b>     | Product Height           | 5.9 in [15 cm]                                                                                                                |
|                                     | Product Length           | 3.9 in [98 mm]                                                                                                                |
|                                     | Product Width            | 2.6 in [67 mm]                                                                                                                |
|                                     | Weight of Product        | 1.6 oz [44 g]                                                                                                                 |
| <b>Packaging Information</b>        | Package Height           | 1.2 in [30 mm]                                                                                                                |

|                          |                           |                          |
|--------------------------|---------------------------|--------------------------|
|                          | Package Length            | 6.7 in [17 cm]           |
|                          | Package Width             | 5.6 in [14.2 cm]         |
|                          | Shipping (Package) Weight | 4 oz [112 g]             |
| <b>What's in the Box</b> | Included in Package       | 1 - PCIe Serial Card     |
|                          |                           | 1 - Full-Profile Bracket |
|                          |                           | 1 - User Manual          |

Product appearance and specifications are subject to change without notice.