

2-port PCI Express RS232 Serial Adapter Card - PCIe RS232 Serial Host Controller Card - PCIe to Serial DB9 - 16950 UART - Low Profile Expansion Card - Windows & Linux - TAA

**Product ID:** PEX2S953LP



This RS232 Serial Adapter Card lets you add two RS232 (DB9) serial ports 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.

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.

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
- 256-byte depth FIFO per transmitter and receiver
- Supports 9, 8, 7, 6, 5 data bits
- Asix AX99100 chipset
- PCI Express 1.1 compliant

PEX2S953LP 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

- **2 PORT SERIAL CARD:** Serial controller card w/16950 UART based on ASIX AX99100, allows 2x DB9 ports w/bi-directional RS232 speeds up to 921.6Kbps per port, available 256 byte FIFO buffer & 9th data bit; Upgraded version of our popular card PEX2S952LP
- **OPTIONAL CONFIGURABLE POWER:** PCI Express RS232 serial adapter card provides choice of 12v, 5v, or none through pin 9 w/up to 2A total; Each of the 2 ports are individually configurable
- **LOW PROFILE BRACKETS PRE-INSTALLED:** PCIe multiport serial card comes w/ a low profile bracket preinstalled & a full profile bracket is incl for versatile install; supports Windows XP and up & Linux
- **VERSATILE APPLICATIONS:** For standard/low profile desktop/servers w/ uses in point of sale terminals, PLCs, control/automation in factories, scientific sensors, medical equipment, scanner, oscilloscope
- **STARTECH.COM ADVANTAGE:** IT professionals choice for over 30 years; PCIe RS232 Serial expansion card is backed for life by StarTech.com, incl. free 24/5 North America based multi-lingual tech support

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### Hardware

|            |                                |
|------------|--------------------------------|
| Warranty   | Lifetime                       |
| Ports      | 2                              |
| Interface  | Serial                         |
| Bus Type   | mini PCI Express               |
| Card Type  | Low Profile (SP bracket incl.) |
| Port Style | Integrated on Card             |

|                                     |                          |                                                                                                                                              |
|-------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|                                     | Chipset ID               | Asix AX99100                                                                                                                                 |
| <b>Performance</b>                  |                          |                                                                                                                                              |
|                                     | Serial Protocol          | RS-232                                                                                                                                       |
|                                     | Max Baud Rate            | 921.6 Kbps                                                                                                                                   |
|                                     | Data Bits                | 5, 6, 7, 8, 9                                                                                                                                |
|                                     | FIFO                     | 256 Bytes                                                                                                                                    |
|                                     | Flow Control             | None, Xon/Xoff, RTS/CTS                                                                                                                      |
|                                     | Parity                   | None, Odd, Even, Space, Mark                                                                                                                 |
|                                     | Stop Bits                | 1, 1.5, 2                                                                                                                                    |
|                                     | MTBF                     | 1,712,904 hours                                                                                                                              |
| <b>Connector(s)</b>                 |                          |                                                                                                                                              |
|                                     | Connector Type(s)        | 1 - PCI Express x1                                                                                                                           |
|                                     | Internal Ports           | 1 - LP4 (4 pin; Large Drive Power)                                                                                                           |
|                                     | External Ports           | 2 - DB-9 (9 pin, D-Sub)                                                                                                                      |
| <b>Software</b>                     |                          |                                                                                                                                              |
|                                     | OS Compatibility         | Windows 7, 8, 8.1, 10, 11<br><br>Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022<br><br>Linux 2.4.x and up - LTS Versions only |
|                                     | Microsoft WHQL Certified | Yes                                                                                                                                          |
| <b>Special Notes / Requirements</b> |                          |                                                                                                                                              |
|                                     | Note                     | Selectable power output on pin 9 of the serial port                                                                                          |
| <b>Power</b>                        |                          |                                                                                                                                              |
|                                     | Input Voltage            | 12V DC                                                                                                                                       |
|                                     | Output Voltage           | 12V DC                                                                                                                                       |
| <b>Environmental</b>                |                          |                                                                                                                                              |
|                                     | Operating Temperature    | -10C to 80C (14F to 176F)                                                                                                                    |

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