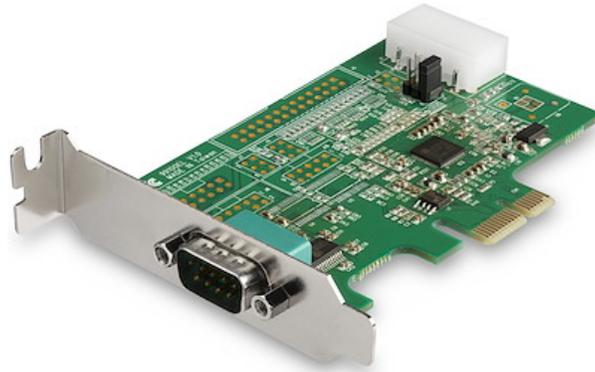


1-port PCI Express RS232 Serial Adapter Card - PCIe RS232 Serial Host Controller Card - PCIe to Serial DB9 - 16950 UART - Low Profile Expansion Card - Windows & Linux - TAA

**Product ID:** 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.

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
- 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

- **1 PORT SERIAL CARD:** Serial controller card w/ 16950 UART based on ASIX AX99100, allows 1x DB9 port 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 PEX1S952LP
- **OPTIONAL CONFIGURABLE POWER:** PCI Express RS232 serial adapter card provides choice of 12v, 5v, or none through pin 9 w/up to 2A total
- **STANDARD PROFILE & LOW PROFILE BRACKET:** PCIe serial card comes w/ a low profile bracket pre-installed & 1x full profile bracket is incl for versatile install; Supports Windows & Linux
- **VERSATILE APPLICATIONS:** For low/standard profile desktop/servers w/ uses in point of sale terminals, PLCs, control/automation in factories, scientific sensors, medical equipment, scanner, oscilloscope
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this PCIe serial adapter card is backed for life, including free lifetime 24/5 multi-lingual technical assistance

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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

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**Performance**

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	277,385 hours

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**Connector(s)**

Connector Type(s)	1 - PCI Express x1
Internal Ports	1 - LP4 (4 pin; Large Drive Power)
External Ports	1 - DB-9 (9 pin, D-Sub)

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**Software**

OS Compatibility	Windows 7, 8, 8.1, 10, 11  Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022  Linux 2.4.x and up - LTS Versions only
Microsoft WHQL Certified	Yes

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**Special Notes / Requirements**

Note	Selectable power output on pin 9 of the serial port
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**Power**

Input Voltage	12V DC
Output Voltage	12V DC

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**Environmental**

Operating Temperature	0C to 70C (32F to 158F)
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Storage Temperature	-20C to 80C (-4F to 176F)
Humidity	20~80% RH

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**Physical Characteristics**

Color	Green
Material	Steel
Product Length	3.9 in [98.0 mm]
Product Width	2.6 in [6.7 cm]
Product Height	5.9 in [15.0 cm]
Weight of Product	1.6 oz [44.0 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.9 in [17.4 cm]
Package Width	5.6 in [14.3 cm]
Package Height	1.3 in [3.3 cm]
Shipping (Package) Weight	4.0 oz [114.0 g]

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**What's in the Box**

Included in Package	1 - PCIe Serial Card
	1 - Full-Profile Bracket
	1 - User Manual

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**Warranty Information**

Warranty	Lifetime
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*\*Product appearance and specifications are subject to change without notice.*