

4-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:** PEX4S953LP



This PCI Express RS232 serial adapter card lets you add four RS232 (DB9) serial ports to your computer through a PCI Express (PCIe) slot. The 4 port PCIe serial card enables you to interact with serial devices, such as card readers, printers, PIN pads, and modems, at speeds of up to 921.6Kbps.

With broad OS support, including for Windows and Linux, this PCI E serial card is easy to integrate into mixed environments. The card comes pre-configured with low-profile brackets and includes optional full-profile brackets, so installation is easy regardless of the case form factor. This card is a direct replacement for PEX4S952LP.

- This PCIe to serial adapter supports the following features:
- Compatible with industry-standard 16950 UART
- Supports max baud rate of up-to 921.6Kbps
- Provides 5/12V power output on Pin 9 when external power is connected
- 256-byte depth FIFO cache per transmitter and receiver
- Supports 9, 8, 7, 6, 5 data bits (one per port)
- Asix AX99100 chipset

PCI Express 1.1 compliant

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers both pre and post-sales.

PEX4S03LP is backed by a StarTech.com lifetime warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

### Features

- **4 PORT SERIAL CARD:** Serial controller card w/16950 UART based on ASIX AX99100, allows 4x DB9 ports w/bi-directional RS232 speeds up to 921.6Kbps per port, available 256 byte FIFO buffer; Upgraded version of our popular card PEX4S952LP
- **OPTIONAL CONFIGURABLE POWER:** PCIe multiport serial card provides 12v, 5v, or none through pin 9 w/up to 2A total; Each of the 4 ports are individually configurable; DB44 to 4x DB9 breakout cable incl
- **STANDARD PROFILE & LOW PROFILE BRACKET:** PCI Express RS232 serial adapter card has low profile bracket pre-installed & 1x standard bracket incl for versatile install; Supports Windows XP and up & 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
- **STARTECH.COM ADVANTAGE:** IT professionals choice for over 30 years; PCI-e 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	4
Interface	Serial
Bus Type	mini PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Dongle (Included)
Chipset ID	Asix AX99100A

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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	214,358 hours

## Connector(s)

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

## 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

## Special Notes / Requirements

Note	Selectable power output on pin 9 of the serial port
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## Environmental

Operating Temperature	-10C to 80C (14F to 176F)
Storage Temperature	-20C to 100C (-4F to 212F)
Humidity	5~85% RH

## Physical Characteristics

Color	Green
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Material	Steel
Cable Length	11.8 in [30 cm]
Product Length	3.1 in [8 cm]
Product Width	0.6 in [1.4 cm]
Product Height	2.4 in [6.2 cm]
Weight of Product	1.7 oz [48 g]

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#### Packaging Information

Package Quantity	1
Package Length	8.5 in [21.6 cm]
Package Width	5.9 in [15.1 cm]
Package Height	2.1 in [5.4 cm]
Shipping (Package) Weight	13.2 oz [374.0 g]

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#### What's in the Box

Included in Package	1 - 4-Port Low Profile Serial Card
	1 - 12 in [30 cm] 4-Port DB44 to DB9 Break-out Cable
	1 - Low Profile Bracket (Installed)
	1 - Full Profile Bracket
	1 - Quick-Start Guide

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#### Warranty Information

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