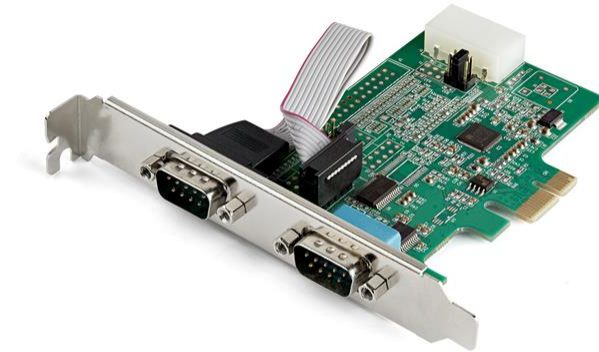


2-port PCI Express RS232 Serial Adapter Card - PCIe RS232 Serial Host Controller Card - PCIe to Dual Serial DB9 Card - 16950 UART - Expansion Card - Windows, macOS, Linux

**Product ID:** PEX2S953



This multiport PCI Express RS232 serial adapter card lets you add two RS232 (DB9) serial ports to your computer through a PCI Express (PCIe) slot, as if they were native serial ports. The dual 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 2 port PCI E serial card is easy to integrate into mixed environments. The card comes pre-configured with a full-profile bracket, and includes optional low-profile brackets, so installation is easy regardless of the case form factor. This card is a direct replacement for PEX2S952.

This PCIe to serial adapter supports the following features:

- Industry standard 16950 UART compatible
- 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
- Base PCI Express 1.1 compliant
- Low and full-profile brackets included

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.

PEX2S953 is backed by a StarTech.com lifetime warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Connect to automated self-service kiosks or ATM machines
- Connect in retail POS applications
- Install in home or office workstations
- Connect serial printers and other legacy devices to modern computers

### 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
- **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
- **STANDARD PROFILE & LOW PROFILE BRACKET:** PCIe multiport serial card comes w/ a standard bracket pre-installed & 2x low profile brackets incl for versatile install; supports Windows XP and up & Linux
- **VERSATILE APPLICATIONS:** For standard profile desktop/servers with uses in point of sale terminals, PLCs, control/automation in factories, scientific sensors, medical equipment, scanners, 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	2
Interface	Serial
Bus Type	mini PCI Express
Card Type	Standard Profile (LP 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	222,366 hours

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**Connector(s)**

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

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**Software**

OS Compatibility	Windows 7, 8, 8.1, 10 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016 Linux 2.4.x to 2.6.x <i>LTS Versions only</i>
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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**Environmental**

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

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**Physical Characteristics**

Material	Steel
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Product Length	3.0 in [75.0 mm]
Product Width	2.5 in [63 mm]
Product Height	0.6 in [15 mm]
Weight of Product	2.0 oz [56 g]

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**Packaging Information**

Package Length	5.6 in [14.2 cm]
Package Width	6.7 in [17 cm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	4.8 oz [136 g]

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**What's in the Box**

Included in Package	Two Port Serial Card
	Low Profile Bracket
	Quick Start Guide

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

