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Data Sheet

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, macOS, Linux

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.

Maximum Compatibility

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.

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 921.6Kbps
- 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

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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

RoHS & REACH
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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
- 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

	Warranty	Lifetime
Hardware	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	Asix AX99100
	Interface	Serial
	Port Style	Integrated on Card
	Ports	4
Performance	Data Bits	5, 6, 7, 8, 9
	FIFO	256 Bytes
	Flow Control	None, Xon/Xoff, RTS/CTS
	Max Baud Rate	921.6 Kbps
	MTBF	214,358 hours
	Parity	None, Odd, Even, Space, Mark
	Serial Protocol	RS-232
	Stop Bits	1, 1.5, 2
Connector(s)	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	4 - DB-9 (9 pin, D-Sub) Male
	Internal Ports	1 - LP4 (4 pin; Large Drive Power) Male Input
Software	Microsoft WHQL Certified	Yes
	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 *LTS Versions only*
Special Notes / Requirements	**Note**	Selectable power output on pin 9 of the serial port
Environmental	Humidity	5~85% RH
	Operating Temperature	-10°C to 80°C (14°F to 176°F)
	Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Physical Characteristics	Product Height	0.7 in [1.8 cm]
	Product Length	2.5 in [6.3 cm]
	Product Width	3 in [7.5 cm]
	Weight of Product	9.3 oz [264 g]

Packaging Information	Package Height	2 in [51 mm]
	Package Length	5.9 in [149 mm]
	Package Width	8.4 in [213 mm]
	Shipping (Package) Weight	13.1 oz [370 g]
What's in the Box	Included in Package	1 - 4-Port Low Profile Serial Card
		1 - 4-Port DB9 Break-out Cable
		1 - Full Profile Bracket
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.