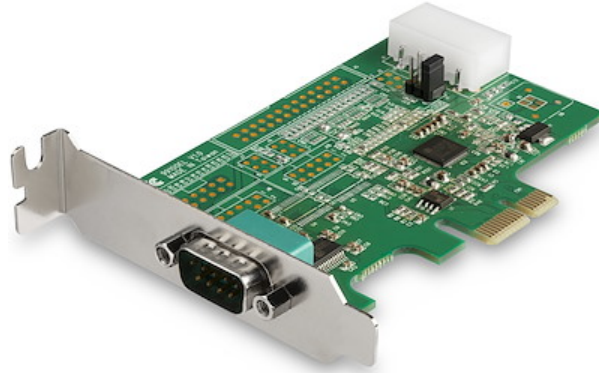1-port PCI Express RS232 Serial Adapter Card - PCIe RS232 Serial Host Controller Card - PCIe to Serial DB9 - 16950 UART - Low Profile Expansion Card - Windows, macOS, Linux

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

• 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 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
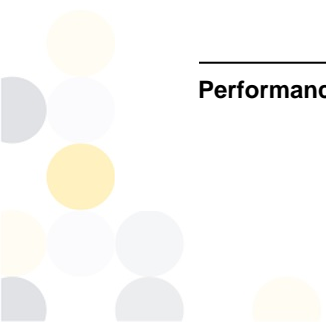
Prominence		
	Warranty	Lifetime
	Description CDW 75 - 1st Line	StarTech.com 1-port PCI Express RS232 Serial Adapter Card - PCIe Serial DB9
Hardware		
	Ports	2
	Interface	Serial
	Bus Type	mini PCI Express
	Card Type	Low Profile (SP bracket incl.)
	Port Style	Integrated on Card
	Chipset ID	Asix AX99100
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

Connector(s)

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

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

Special Notes / Requirements

Note	Selectable power output on pin 9 of the serial port

Environmental

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

Physical Characteristics

Material	Steel
Product Length	3.9 in [98.0 mm]

	Product Width	2.6 in [67.0 mm]
	Product Height	5.9 in [15.0 cm]
	Weight of Product	1.6 oz [44.0 g]

Packaging Information

	Package Length	6.7 in [17.0 cm]
	Package Width	5.6 in [14.2 cm]
	Package Height	1.2 in [30.0 mm]
	Shipping (Package) Weight	4.0 oz [112.0 g]

What's in the Box

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

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