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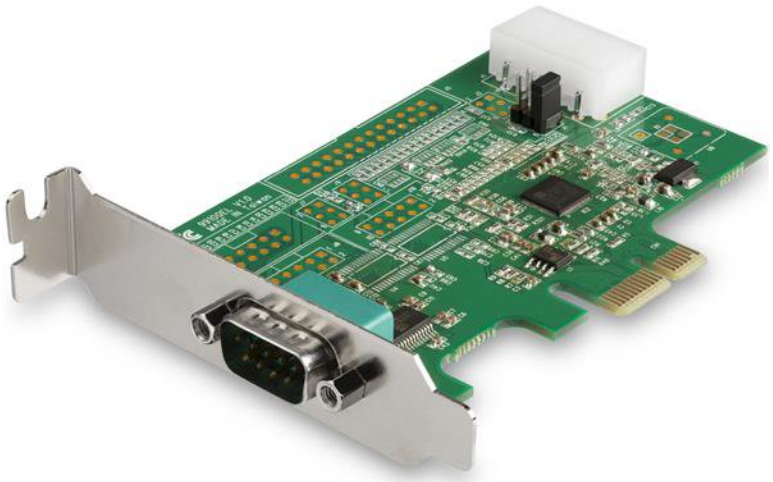
Data Sheet

1-Port RS232 Serial Adapter Card with 16950 UART

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.

Maximum Compatibility

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.

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 921.4Kbps
- 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

RoHS & REACH DOWNLOAD DECLARATION

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

- Add RS232 DB9 capabilities without purchasing a new server or computer
- PCI Express 1.1 compliant ensuring a reliable performance
- Maximize case form factor integration with a low-profile or full-profile bracket
- High-speed data transfer rates of up to 921.4Kbps
- Supports 256-byte depth FIFO per transmitter and receiver

	Warranty	Lifetime
Hardware	Bus Type	PCI Express
	Card Type	Low Profile (SP bracket incl.)
	Chipset ID	Asix AX99100
	Interface	Serial
	Port Style	Integrated on Card
	Ports	1
Performance	Data Bits	5, 6, 7, 8, 9
	FIFO	256 Bytes
	Flow Control	None, Xon/Xoff, RTS/CTS
	Max Baud Rate	921.6 Kbps
	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	1 - 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	20~80% RH
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-20°C to 80°C (-4°F to 176°F)
Physical Characteristics	Product Height	5.9 in [15 cm]
	Product Length	3.9 in [98 mm]
	Product Width	2.6 in [67 mm]
	Weight of Product	1.6 oz [44 g]
Packaging Information	Package Height	1.2 in [30 mm]

	Package Length	6.7 in [17 cm]
	Package Width	5.6 in [14.2 cm]
	Shipping (Package) Weight	4 oz [112 g]
What's in the Box	Included in Package	1 - PCIe Serial Card
		1 - Full-Profile Bracket
		1 - User Manual

Product appearance and specifications are subject to change without notice.