8-Port PCI Express RS232 Serial Adapter Card - PCIe RS232 Serial Card - 16C1050 UART - Low Profile Serial DB9 Controller/Expansion Card - 15kV ESD Protection - Windows/Linux

Product ID: PEX8S1050LP
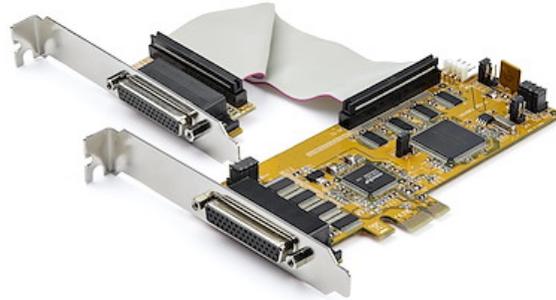
Add eight RS-232 DB9 serial ports to your desktop computer, through two PCIe expansion card slots. This PCI express serial card, with two breakout cables, provides you with multiple ports to connect a wide variety of serial peripherals, at speeds of up to 921.4Kbps.

The PCI express serial port card makes it easy to add serial ports to connect your peripherals including printers, scanners, credit/debit card readers, PIN pads and modems, industrial controls and more. The 8 port PCIe serial card includes 2 breakout cables - each with 4 DB9 connectors.

The low profile PCIe serial card is the ideal choice for adding serial ports, even when space is at a premium. The DB9 serial card is designed to fit into small form factor and standard computer cases. The card comes pre-configured with a low-profile bracket, and includes two optional full-profile brackets, so installation is easy regardless of the case form factor.

With broad OS support, including for Windows and Linux, this PCI Express card is easy to integrate into mixed environments.

PEX8S1050LP is backed by a StarTech.com lifetime warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)

• POS (credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)

• Consumer (modems, PDAs, digital cameras, printers)

• Security (UPS control, access key panels, video cameras, card readers, modems)

• Casino (video lottery terminals, slot machines)

• Environmental Control (lighting, temperature, clocks)

• Healthcare (patient monitoring equipment, nurses' stations, modems)

• Hotel Front Desk (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)

• Hospitality/Restaurant (credit card/debit card reader, serial printers)

• ISDN Networking

Features

• 8 PORT SERIAL CARD: Serial controller card w/ 16C1050 UART based on the Systembase SB16C1058PCI, w/15kV ESD, 8x DB9 ports, bi-directional RS232 speeds up to 921.6Kbps per port & 256 byte FIFO buffer

• OPTIONAL CONFIGURABLE POWER: Multiport serial card provides 12v/5v, or none on pin 9 w/up to 3A total shared; 2 (1xDB44 to 4xDB9) breakout cables incl; Hex nuts incl for opt screw or nut DB9 interface

• COMPATABILITY: 2 low profile brackets for PCI-e 1x card; Fully compliant w/ PCI Express Base Spec, Revision 1.0a/1.1; Supports Windows (incl. XP and up) and Linux; For low profile desktop/servers

• VERSATILE APPLICATIONS: PCI Express RS232 serial adapter card for within 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; PCIe RS232 Serial expansion card is backed for life by StarTech.com, incl. free 24/5 North America based multi-lingual tech support

Hardware		
	Warranty	Lifetime
	Ports	8
	Interface	Serial
	Bus Type	PCI Express
	Card Type	Low Profile (SP bracket incl.)
	Port Style	Dongle (Included)
	Chipset ID	ASMEDIA - ASM1083
		SYSTEMBASE - SB16C1058PCI

Performance

Serial Protocol	RS-232
Max Baud Rate	921.6 Kbps
Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Flow Control	RTS/CTS, XON/XOFF
Parity	None, Even, Odd, 1, 0
Stop Bits	1, 1.5, 2

Connector(s)

Connector Type(s)	PCI Express x1
External Ports	DB-9 (9 pin, D-Sub)

Software

OS Compatibility	Windows CE 5.0, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10
	Windows Server 2003, 2008 R2, 2012, 2016, 2019
	Linux 2.4.x to 4.11.x <i>LTS Versions only</i>

Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

Physical Characteristics

Color	Yellow
Material	Steel
Cable Length	11.8 in [30 cm]
Product Length	5.7 in [14.5 cm]
Product Width	0.9 in [22 mm]
Product Height	2.4 in [60 mm]
Weight of Product	4.1 oz [116 g]

Packaging Information

	Package Length	11.4 in [29.0 cm]
	Package Width	7.5 in [19.0 cm]
	Package Height	2.8 in [70.0 mm]
	Shipping (Package) Weight	26.5 oz [750.0 g]

What's in the Box

	Included in Package	PCIe Serial Card
		1 ft [30 cm] DB44 to 4-Port DB9 Break-out Cables
		Full Profile Brackets
		Quick-Start Guide
		Optional DB9 Connector Hex Nut Pairs
		Low Profile Brackets (Installed)

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