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

Product ID: PEX8S1050

Add eight RS-232 DB9 serial ports to your desktop computer, through a PCIe expansion card slots. This PCI express serial card, with 8-port breakout cable, 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 a breakout cable - with 8 DB9 connectors.

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

PEX8S1050 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; Upgraded version of our popular card PEX8S952

• OPTIONAL CONFIGURABLE POWER: Multiport serial card provides 12v/5v, or none on pin 9 w/up to 3A total shared; 18"/48cm DB62 to 8x DB9 breakout cable incl; Hex nuts incl for opt screw/nut DB9 interface

• COMPATABILITY: Full profile PCI-e 1x card and fully compliant w/ PCI Express Base Specifications, Revision 1.0a/1.1; Supports Windows (incl. XP and up) and Linux; For standard 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

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Hardware

	Warranty	Lifetime
	Ports	8
	Interface	Serial
	Bus Type	PCI Express
	Card Type	Standard Profile
	Port Style	Dongle (Included)
	Industry Standards	16C1050 UART
	Chipset ID	ASMedia - ASM1083
		System Base - SB16C1058PCI

Performance

	Serial Protocol	RS-232

ESD Protection	+/-15kV (Air)
	+/-8kV (Contact)
Max Baud Rate	921.6 Kbps
Data Bits	5, 6, 7, 8
FIFO	TX: 1-255 Byte
	RX: 1-255 Byte
	<i>* Depending on mode and configurations</i>
Flow Control	Software (XON/XOFF), Hardware (RTS/CTS), and Xoff Re-Transmit function
Parity	None, Even, or Odd
Stop Bits	1, 1.5, 2
General Specifications	Power on Pin 9: 12V DC, 5V DC or None
MTBF	160,013 hours

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 2.4.18 to 4.16.x <i>LTS Versions only</i>

Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-40C to 75C (-40F to 167F)
Humidity	5~95% RH

Physical Characteristics

Color	Yellow
Material	Steel

Cable Length	18.9 in [48 cm]
Product Length	4.1 in [10.5 cm]
Product Width	0.6 in [16.0 mm]
Product Height	4.7 in [12.0 cm]
Weight of Product	2.6 oz [74.0 g]

Packaging Information

Package Length	11.4 in [29.0 cm]
Package Width	7.5 in [19.0 cm]
Package Height	2.6 in [65.0 mm]
Shipping (Package) Weight	23.7 oz [672.0 g]

What's in the Box

Included in Package	PCIe Serial Card
	18 in [48 cm] DB62 to 8 Port DB9 Breakout Cable
	Full Profile Bracket (Installed)
	Quick Start Guide
	Optional DB9 Connector Hex Nut Pairs

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