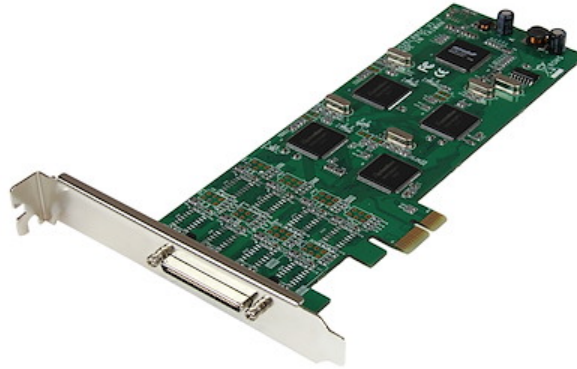8 Port Low Profile PCI Express RS232 Serial Adapter Card w/ 161050 UART

Product ID: PEX8S1052

The PEX8S1052 8 Port Low Profile PCI Express RS232 Serial Adapter Card w/ 161050 UART lets you add 8 RS-232 serial ports to your computer through a single low profile PCI Express slot.

Supporting data rates up to 460.8 Kbps, the PCI express serial port card offers a high performance 16C1050 UART and a large 256-Byte transit/receive FIFO buffer that work together to provide high-speed serial communication while reducing the overall load on the system CPU.

Suitable for most standard computer chassis, the 8 port serial card offers a low profile/half-height design and includes an optional full-height bracket. The included break-out cable uses a single connector on the card to deliver 8 ports, avoiding crowded connections that can occur with fixed/static ports.

Backed by a StarTech.com lifetime warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Monitor and control industrial machines on an assembly line or in a production environment

• POS retail applications in grocery stores, and any other retail store to control keyboards, cash drawers, receipt printers, card readers/card swipes, scales, and elevated displays on poles

• Bank teller workstations in either full profile or low profile versions to control their serial devices such as cash drawers, card readers / card swipes, printers, keypads / pinpads, pen pads

• Self-service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers

Features

• 8 Port RS232 card

• Serial data rates up to 460.8 Kbps

• 256-byte FIFO per transmitter and receiver

• Low profile bracket installed, standard profile included

• Programmable Transmit/Receive FIFO Triggers for interrupt generation

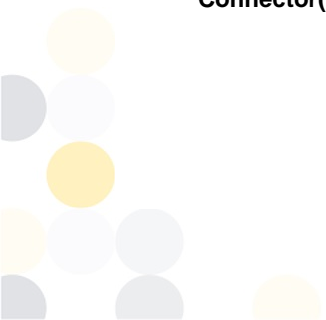• Compliant with PCI-Express Specification 1.0a

Hardware

	Warranty	Lifetime
	Ports	8
	Interface	Serial
	Bus Type	PCI Express
	Card Type	Low Profile (SP bracket incl.)
	Port Style	Dongle (Included)
	Chipset ID	SystemBase - SB16C1052PCI

Performance

	Serial Protocol	RS-232
	Max Baud Rate	460.8 Kbps
	Data Bits	5, 6, 7, 8
	FIFO	256 Bytes
	Flow Control	None, Xon/Xoff, RTS/CTS
	Parity	None, Odd, Even
	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 2000, XP, Vista, 7, 8, 8.1, 10
		Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016

Special Notes / Requirements

	System and Cable Requirements	Available PCI-Express slot

Environmental

	Operating Temperature	0C to 100C (32F to 212F)
	Storage Temperature	-65C to 150C (-85F to 302F)
	Humidity	20~80% RH

Physical Characteristics

	Product Length	6.9 in [17.5 cm]
	Product Width	0.7 in [18 mm]
	Product Height	2.7 in [69 mm]
	Weight of Product	2.3 oz [66 g]

Packaging Information

	Package Length	8.3 in [21.2 cm]
	Package Width	5.7 in [14.5 cm]
	Package Height	2.0 in [50 mm]
	Shipping (Package) Weight	19.5 oz [551 g]

What's in the Box

	Included in Package	8 Port RS232 Card
		Breakout Cable
		Standard Profile Bracket

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Driver CD

Instruction Manual

Product appearance and specifications are subject to change without notice.