

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

StarTech 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.

### 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

## Technical Specifications

Warranty	Lifetime
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Chipset ID	SystemBase - SB16C1052PCI
Interface	Serial
Port Style	Dongle (Included)
Ports	8
Connector Type(s)	1 - PCI Express x1 Male
External Ports	8 - DB-9 (9 pin; D-Sub) Male
Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Flow Control	None, Xon/Xoff, RTS/CTS
Max Baud Rate	460.8 Kbps
Parity	None, Odd, Even
Serial Protocol	RS-232
Stop Bits	1, 1.5, 2
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), 2000 Windows® Server 2008 R2, 2003(32/64) Linux Kernel 2.6.x
Product Height	2.2 in [56 mm]
Product Length	6.9 in [175 mm]
Product Weight	2.6 oz [75 g]
Product Width	0.7 in [18 mm]
Humidity	20~80% RH
Operating Temperature	0°C to 100°C (32°F to 212°F)
Storage Temperature	-65°C to 150°C (-85°F to 302°F)
System and Cable Requirements	Available PCI-Express slot
Shipping (Package) Weight	19.5 oz [551 g]
Included in Package	1 - 8 Port RS232 Card
Included in Package	1 - Breakout Cable
Included in Package	1 - Standard Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

## Certifications, Reports and Compatibility

