

## 4 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

Product ID: PEX4S952



The PEX4S952 4 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART allows you to turn a PCI Express slot into 4 RS-232 (DB9) serial connections.

The four port serial card is based on a native single chip design, that harnesses the full capability of PCI Express (PCIe) - providing optimum reliability and speed, and reducing the load applied to the CPU by as much as 48% over conventional serial cards.

Offering compatibility with a broad range of operating systems including Windows®, Linux and Mac® OS for easy integration into mixed environments. Plus, an included optional low profile/half-height bracket that allows the card to be installed in virtually any computer case – making it that much easier to add serial ports to your PCI Express enabled computer, regardless of the case form factor.

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

## Certifications, Reports and Compatibility



## Applications

- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- 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
- Standard ATM automated teller machines to control keypads, receipt printer, card readers / card swipes, touchscreen LCD's, camera control, etc.
- Used to control multiple surveillance / security cameras in a parking structure, office building, etc.

## Features

- Four high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Includes low profile/half height mounting bracket
- 128-byte deep FIFO per transmitter and receiver
- High Performance Oxford 16950 UART
- Native single-chip, single lane PCI Express
- Compliant with PCI Express base specifications revision 1.0a
- Selectable power output on pin 9 for the serial port
- Automated in-band software flow control using programmable Xon/Xoff in both directions
- Automated out-of-band hardware flow control using Tx/Rx/RTS/CTS/DSR/DTR/DCD/RI/GND

<b>Hardware</b>	Warranty	Lifetime
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	PLX/Oxford - OXPCIe954
	Interface	Serial
	Port Style	Integrated on Card
	Ports	4
<b>Performance</b>	Data Bits	5, 6, 7, 8
	FIFO	128 Bytes
	Max Baud Rate	460.8 Kbps
	MTBF	87,600 Hours
	Serial Protocol	RS-232
<b>Connector(s)</b>	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	4 - DB-9 (9 pin, D-Sub) Male
<b>Software</b>	OS Compatibility	Windows® CE 6.0/5.0/4.2, 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Linux 2.4.x to 4.11.x <i>LTS Versions only</i>
<b>Environmental</b>	Humidity	5~85% RH
	Operating Temperature	-10°C to 80°C (14°F to 176°F)
	Storage Temperature	-20°C to 100°C (-4°F to 212°F)
<b>Physical Characteristics</b>	Product Height	20 mm [0.8 in]
	Product Length	90 mm [3.5 in]
	Product Weight	277 g [9.8 oz]
	Product Width	65 mm [2.6 in]
<b>Packaging Information</b>	Shipping (Package) Weight	379 g [13.4 oz]
<b>What's in the Box</b>	Included in Package	1 - 4 Port Serial Card 1 - 4 Port DB9 Break-out cable 2 - Low Profile Bracket 1 - Driver CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.