

## 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**

- 128-byte deep FIFO per transmitter and receiver
- 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
- Compliant with PCI Express base specifications revision 1.0a
- High Performance Oxford 16950 UART
- Native single-chip, single lane PCI Express

- Selectable power output on pin 9 for the serial port
- Four high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Includes low profile/half height mounting bracket

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#### Hardware

Warranty	Lifetime
Ports	4
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	PLX/Oxford - OXPCle954

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#### Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
Data Bits	5, 6, 7, 8
FIFO	128 Bytes
MTBF	87,600 Hours

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#### Connector(s)

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

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#### Software

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, 2019 Linux 2.4.x to 4.11.x <i>LTS Versions only</i>
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#### Environmental

Operating Temperature	-10C to 80C (14F to 176F)
Storage Temperature	-20C to 100C (-4F to 212F)



Humidity	5~85% RH
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**Physical Characteristics**

Product Length	3.5 in [90.0 mm]
Product Width	2.6 in [65.0 mm]
Product Height	0.8 in [20.0 mm]
Weight of Product	9.8 oz [277.0 g]

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**Packaging Information**

Package Length	5.7 in [14.6 cm]
Package Width	8.2 in [20.9 cm]
Package Height	1.6 in [41.0 mm]
Shipping (Package) Weight	13.4 oz [379.0 g]

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**What's in the Box**

Included in Package	4 Port Serial Card
	Driver CD
	Instruction Manual
	Low Profile Bracket
	4 Port DB9 Break-out cable

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

