

Discontinued and replaced by PEX8S1050 - 4 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART - PCIe RS232 Serial Card

**Product ID:** PEX8S952



The PEX8S952 8 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART allows you to turn a PCI Express slot into eight RS232 (DB9) serial connections using the included breakout cable.

The serial card is based on a native chip design, that allows you to harness 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 that use a PCI to PCIe bridge.

The RS232 Serial Adapter Card is compatible with a broad range of operating systems, including Windows, Linux, and MAC OS for easy integration into mixed environments.

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

- REPLACED BY PEX8S1050: New version of PEX8S952 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
- 8 high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Breakout dongle cable included
- 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 Dual Channel Oxford 950 UART
- Native single-Chip, single lane PCI Express

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### Hardware

Warranty	Lifetime
Ports	8
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile
Port Style	Dongle (Included)
Chipset ID	PLX/Oxford - OXPCle958 PLX/Oxford - OXPCle954

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### Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
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 98SE, ME, 2000, CE 4.2/5.0/6.0, 2000, XP Embedded, XP, Vista, 7, 8, 8.1, 10  
Windows Server 2003, 2008 R2, 2012, 2016, 2019  
Linux 3.5.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 16.7 oz [472.0 g]

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**Packaging Information**

Package Length 6.0 in [15.2 cm]  
Package Width 8.5 in [21.6 cm]  
Package Height 2.1 in [53.0 mm]  
Shipping (Package) Weight 20.7 oz [585.0 g]

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**What's in the Box**

Included in Package 8 Port Serial Card  
8 Port DB9 Break-out cable



Driver CD

Instruction Manual

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

