

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

- 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
- 8 high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Breakout dongle cable included

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

Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
FIFO	128 Bytes
MTBF	87,600 Hours

Connector(s)



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

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>

Environmental

Operating Temperature	-10C to 80C (14F to 176F)
Storage Temperature	-20C to 100C (-4F to 212F)
Humidity	5~85% RH

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]

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]

What's in the Box

Included in Package	8 Port Serial Card
	Driver CD
	Instruction Manual
	8 Port DB9 Break-out cable

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

