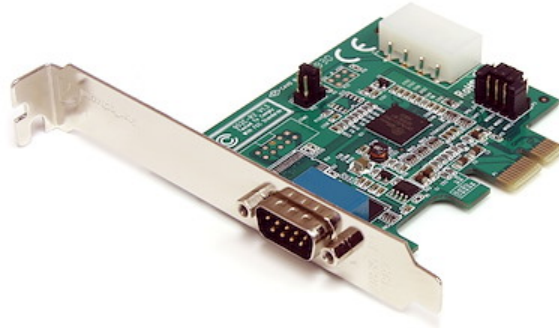


1 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

Product ID: PEX1S952



The PEX1S952 1 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART adds an RS232 (DB9) Serial Port with data rates up to 460 Kbps to a computer through an available PCI Express slot, while relying on a native, single-chip design (Oxford OXPCIe952) that harnesses the capability of true PCI Express - ensuring maximum performance and reliability and reducing the load applied to the CPU by as much as 48% over conventional serial cards.

Compatible with a broad range of operating systems including Windows and Linux for easy integration, the PEX1S952 PCI Express Serial Card also features an optional half-height/low profile bracket that allows the card to be installed in virtually any computer case, regardless of the case form factor.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- 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
- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- 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

- One high speed RS-232 serial port with data transfer rate up to 460.8 Kbps
- 128-byte deep FIFO per transmitter and receiver
- Includes half-height mounting bracket
- Native single-Chip, single lane PCI Express
- Selectable power output on pin 9 for the serial port
- Single chip design optimizes speed and reliability
- 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
- High Performance Single Channel Oxford 950 UART
- Compliant with PCI Express base specifications revision 1.0a

Hardware

Warranty	Lifetime
Ports	1
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	PLX/Oxford - OXPCle952

Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
Data Bits	4, 5, 6, 7, 8
FIFO	128 Bytes
Stop Bits	1, 1.5, 2



MTBF 87,600 Hours

Connector(s)

Connector Type(s)	PCI Express x1
Internal Ports	LP4 (4 pin; Large Drive Power)
External Ports	DB-9 (9 pin, D-Sub)

Software

OS Compatibility	Windows CE 6.0 / 5.0, 95, 98SE, 2000, XP, XP Embedded, Vista, 7, 8, 8.1, 10, 11 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016 Linux 2.4.x to 4.11.x <i>LTS Versions only</i>
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Special Notes / Requirements

Note	Selectable power output on pin 9 of the serial port
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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

Physical Characteristics

Color	Green
Product Length	3.5 in [90 mm]
Product Width	2.6 in [65 mm]
Product Height	0.8 in [20 mm]
Weight of Product	1.7 oz [48 g]

Packaging Information

Package Length	8.4 in [21.3 cm]
Package Width	1.7 in [42 mm]
Package Height	5.7 in [14.5 cm]



Shipping (Package) Weight	2.8 oz [80 g]
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What's in the Box

Included in Package	1 Port Serial Card
	Low Profile Bracket
	Driver CD
	Instruction Manual

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

