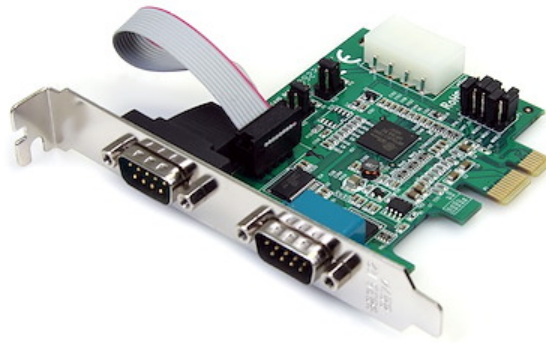Discontinued and replaced by PEX2S953: 2 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

Product ID: PEX2S952

The PEX2S952 PCI Express based serial card turns a PCI Express slot into 2 RS-232 (DB9) serial connections.

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

The RS232 Serial Adapter Card is compatible with a broad range of operating systems, including Windows and Linux (Kernel 2.6.11 to 4.11.x).

Plus, the adapter card includes an optional half-height/low profile bracket that allows the card to be installed in virtually any computer case - making it that much easier to add serial ports to a PCI Express enabled computer, regardless of the size of the computer case.

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

• Selectable power output on pin 9 for the serial port

• Two high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps

• Includes half-height/low profile mounting bracket

Hardware

Warranty	Lifetime
Ports	2
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	PLX/Oxford - OXPCIe952

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
	Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019
	Linux 2.4.x to 4.11.x <i>LTS Versions only</i>

Special Notes / Requirements

Note	Selectable power output on pin 9 of the serial port

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 [90.0 mm]
Product Width	2.6 in [65.0 mm]
Product Height	0.8 in [20.0 mm]
Weight of Product	2.1 oz [60.0 g]

Packaging Information

Package Length	5.7 in [14.5 cm]
Package Width	6.9 in [17.5 cm]

Package Height	1.3 in [33.0 mm]	
Shipping (Package) Weight	5.4 oz [152.0 g]	

What's in the Box

Included in Package	2 Port Serial Card	
	Driver CD	
	Instruction Manual	
	Low Profile Bracket	

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