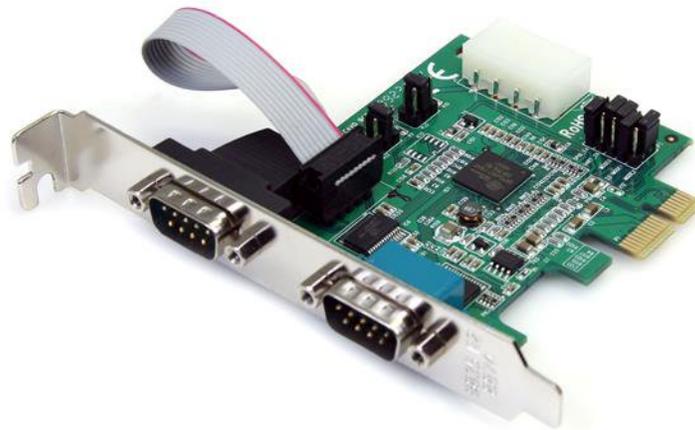


2 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

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

- Two high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Compliant with PCI Express base specifications revision 1.0a
- Includes half-height/low profile mounting bracket
- Selectable power output on pin 9 for the serial port
- Native single-Chip, single lane PCI Express
- High Performance Dual Channel Oxford 950 UART
- 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

Hardware	Warranty	Lifetime
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	PLX/Oxford - OXPcIe952
	Interface	Serial
	Port Style	Integrated on Card
	Ports	2
Performance	Data Bits	4, 5, 6, 7, 8
	FIFO	128 Bytes
	Max Baud Rate	460.8 Kbps
	MTBF	87,600 Hours
	Serial Protocol	RS-232
	Stop Bits	1, 1.5, 2
Connector(s)	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	2 - DB-9 (9 pin, D-Sub) Male
	Internal Ports	1 - LP4 (4 pin; Molex-type Large Drive Power) Male
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 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	Humidity	5~85% RH
	Operating Temperature	-10°C to 80°C (14°F to 176°F)
	Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Physical Characteristics	Color	Green
	Product Height	0.8 in [20 mm]
	Product Length	3.5 in [90 mm]
	Product Weight	2.1 oz [60 g]
	Product Width	2.6 in [65 mm]
Packaging Information	Shipping (Package) Weight	5.4 oz [152 g]
What's in the Box	Included in Package	1 - 2 Port Serial Card

2 - Low Profile Bracket

1 - Driver CD

1 - Instruction Manual

Product appearance and specifications are subject to change without notice.