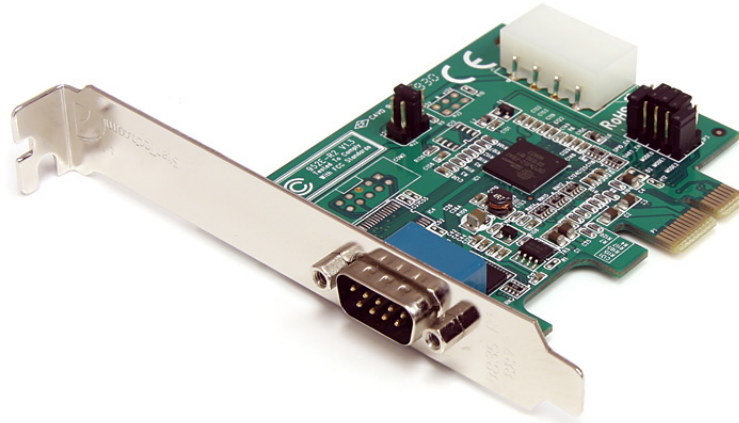


1 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

StarTech 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.

Applications and Solutions

- 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
- Compliant with PCI Express base specifications revision 1.0a
- Selectable power output on pin 9 for the serial port
- Native single-Chip, single lane PCI Express
- One high speed RS-232 serial port with data transfer rate up to 460.8 Kbps
- High Performance Single Channel Oxford 950 UART
- Automated out-of-band hardware flow control using Tx/Rx/RTS/CTS/DSR/DTR/DCD/RI/GND
- Single chip design optimizes speed and reliability
- Includes half-height mounting bracket

Technical Specifications

- Warranty: Lifetime
- Bus Type: PCI Express
- Chipset ID: Oxford - OXPCIe952
- Data Bits: 4,5,6,7,8
- FIFO: 128 bytes
- Product Height: 0.79 in [20 mm]
- Product Length: 3.54 in [90 mm]
- Maximum Data Transfer Rate: 460Kbps
- OS Compatibility: Windows® 7 (32/64bit)/ Vista(32/64)/ XP(32/64)/ 2000, and Linux

Windows® XP Embedded/ CE 4.2/ CE 5.0/ CE6.0

- Carton Quantity: 50
- Stop Bits: 1,1.5,2
- Shipping (Package) Weight: 0.18 lb [0.08 kg]
- Product Weight: 1.69 oz [48 g]
- Product Width: 2.56 in [65 mm]
- **Note:** Selectable power output on pin 9 of the serial port

