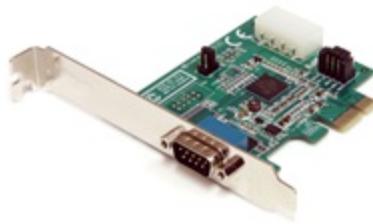


1 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

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 OXPCle952) 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

- 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

Technical Specifications

| | |
|---------------------------|--|
| Warranty | Lifetime |
| Card Type | Standard Profile (LP bracket incl.) |
| Interface | Serial |
| Ports | 1 |
| Bus Type | PCI Express |
| Port Style | Integrated on Card |
| Chipset ID | PLX/Oxford - OXPCle952 |
| Connector Type(s) | 1 - PCI Express x1 Male |
| Internal Ports | 1 - LP4 (4 pin; Molex Large Drive Power) Male |
| External Ports | 1 - DB-9 (9 pin; D-Sub) Male |
| Max Baud Rate | 460.8 Kbps |
| Serial Protocol | RS-232 |
| Data Bits | 4, 5, 6, 7, 8 |
| FIFO | 128 Bytes |
| Stop Bits | 1, 1.5, 2 |
| OS Compatibility | Windows® 8 (32/64bit), 7 (32/64bit), Vista(32/64), XP(32/64), XP Embedded, 2000, CE 5.0/6.0 Linux |
| Color | Green |
| Product Length | 3.5 in [90 mm] |
| Product Width | 2.6 in [65 mm] |
| Product Height | 0.8 in [20 mm] |
| Product Weight | 1.7 oz [48 g] |
| 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) |
| Note | Selectable power output on pin 9 of the serial port |
| Shipping (Package) Weight | 0.2 lb [0.1 kg] |
| Included in Package | 1 - 1 Port Serial Card |
| Included in Package | 1 - Low Profile Bracket |
| Included in Package | 1 - Driver CD |
| Included in Package | 1 - Instruction Manual |

Certifications, Reports and Compatibility

