

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/R/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 - OXPCIe952
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
Maximum Data Transfer Rate	460Kbps
Serial Protocol	RS-232
Data Bits	4, 5, 6, 7, 8
FIFO	128 bytes
Stop Bits	1, 1.5, 2
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
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]
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

