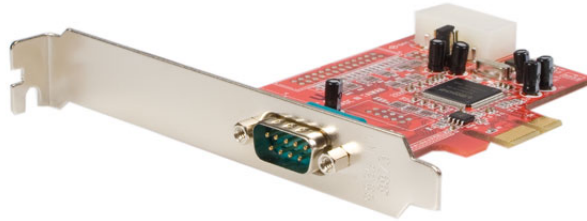


1 port Native PCI Express RS232 Serial Adapter Card with 16550 UART

StarTech ID: PEX1S552



This PCI Express based serial adapter card allows you to turn a PCI Express slot into an RS232 (DB9) serial connection. The card is constructed using a native single chip design that lets you harness the full capability offered by PCI Express (PCIe), while reducing the load applied to the CPU by as much as 48% over conventional bridge chip serial cards.

The PCI Express RS232 Serial Adapter Card is compatible with a broad range of operating systems, including Windows 2000/XP/2003/Vista, Linux Kernel 2.6.11 and up, as well as MAC OS 10.4 and above. The adapter card includes an optional low profile bracket that lets you add a serial port to virtually any computer, regardless of the case form factor.

Applications and Solutions

- Any other serial or legacy devices
- 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
- 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
- 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 flow control using CTS/RTS and DSR/DTR
- Compliant with PCI Express base specifications revision 1.0a
- Native single-chip, single lane PCI Express
- One high speed RS-232 serial port with data transfer rate up to 460.8 Kbps
- Selectable power output on pin 9 for the serial port
- Single chip design optimizes speed and reliability

Technical Specifications

- Bus Type: PCI Express
- Connector Types: 1 - DB9 Male
- Product Height: 0.79 in [20 mm]
- Product Length: 4.13 in [105 mm]
- Number of Ports: 1
- Carton Quantity: 50
- Shipping (Package) Weight: 0.38 lb [0.17 kg]
- Product Weight: 1.82 oz [51.5 g]
- Product Width: 4.72 in [120 mm]
- Bus Type: PCI Express
- Supports: x1, x2, x4, x8, x16(lane)
- Chipset: MosChip MCS9901
- Maximum Data Transfer Rate: 460.8 Kbps
- OS Support: Windows 2000/XP/2003/Vista/Linux Kernel 2.6.11 & above/MAC 10.4 & above
- Note: Selectable power output on pin 9 of the serial port