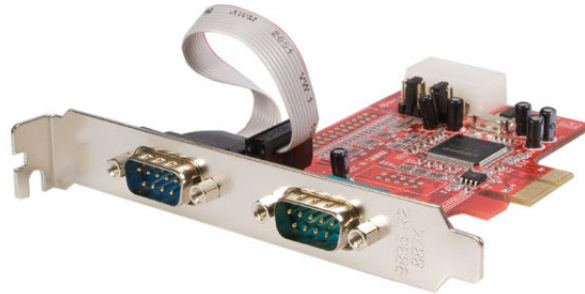


2 Port Native PCI Express RS232 Serial Adapter Card with 16550 UART

StarTech ID: PEX2S552



This PCI Express based serial adapter card allows you to turn a PCI Express slot into two RS232 (DB9) serial ports. Based on a native single chip design (no bridge chip), this two port serial adapter card allows you to harness the full capability offered by PCI Express (PCIe), and reducing the load applied to the cpu by as much as 48% over conventional serial cards.

The RS232 Serial Adapter Card (PEX2S552) is compatible with a broad range of operating systems including Windows 2000/XP/2003/Vista, Linux Kernel 2.6.11 and up, and MAC OS 10.4 and above.

Plus, the card includes an optional low profile bracket that allows the card to be installed in any PCI Express slot, regardless of the size of the computer case.

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
- Selectable power output on pin 9 for the serial port
- Single chip design optimizes speed and reliability
- Two high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps

Technical Specifications

- Bus Type: PCI Express
- Connector Types: 2 - DB9 Male
- Product Height: 0.79 in [20 mm]
- Product Length: 4.13 in [105 mm]
- Number of Ports: 2
- Carton Quantity: 50
- Shipping (Package) Weight: 0.42 lb [0.19 kg]
- Product Weight: 2.24 oz [63.5 g]
- Product Width: 4.72 in [120 mm]
- Bus Type: PCI Express
- Chipset: MOSCHIP MCS9901
- Maximum Data Transfer Rate: 460.8 Kbps
- Note: Selectable power output on pin 9 of the serial port
- OS Support: Windows 2000/XP/2003/Vista/Linux Kernel 2.6.11 & above/MAC 10.4 & above
- Supports: x1, x2, x4, x8, x16(lane)