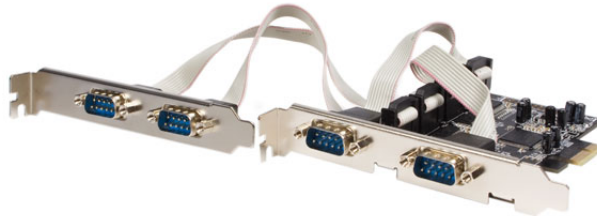


4 Port Native PCI Express RS232 Serial Adapter Card with 16550 UART

StarTech ID: PEX4S552



This 4 port PCI Express based serial adapter card lets you turn a PCI Express slot into four RS232 (DB9) serial connections.

The adapter card is based on a native single chip design, that allows you to harness the full capability of PCI Express (PCIe) - providing optimum reliability and speed while reducing the load applied to the CPU by as much as 48% over conventional serial cards.

The 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.

To ensure broad compatibility, the 4 port PCIe Serial Adapter card includes an optional low profile bracket that allows the card to be installed in virtually any computer case – making it easier to add serial ports to a PCI Express enabled computer, 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
- Four high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Native single-Chip, single lane PCI Express
- Single chip design optimizes speed and reliability

Technical Specifications

- Connector Types: 4 - DB9 Male
- Product Height: 4.72 in [120 mm]
- Product Length: 8.27 in [210 mm]
- Carton Quantity: 80
- Shipping (Package) Weight: 0.11 lb [0.05 kg]
- Product Weight: 2.65 oz [75 g]
- Product Width: 4.33 in [110 mm]
- Bus Type: PCI Express x1, backward compatible with x2, x4, x8, x16 lane
- Chipset: MOSCHIP MCS9901
- Maximum Data Transfer Rate: 460.8 Kbps
- OS Support: Windows 2000/XP/2003/Vista (x32 and x64)/Linux Kernel 2.6.11 & above/MAC 10.4 & above