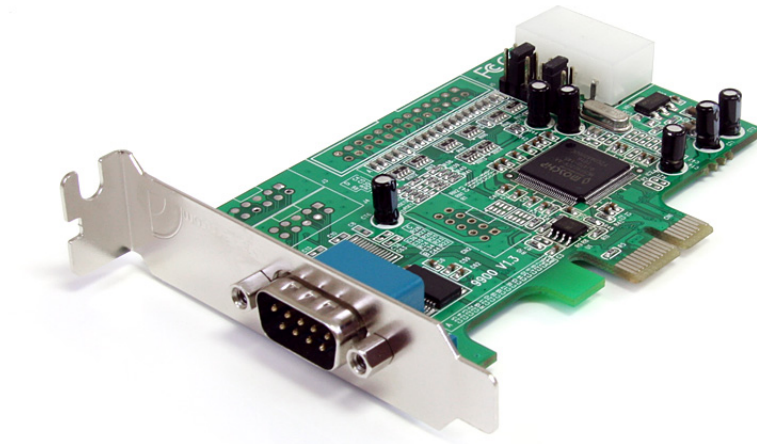


1 Port Low Profile Native RS232 PCI Express Serial Card with 16550 UART

StarTech ID: PEX1S553LP



The PEX1S553LP PCI Express Serial Card turns 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™/Windows 7/Server 2008 R2 (32 and 64 bit), Linux Kernel 2.6.11 and up, and ships with a low profile/half-height bracket installed, but includes an optional full profile bracket that lets you add a serial port to virtually any computer (regardless of the case form factor).

This product is a replacement for our PEX1S552LP card.

Backed by a StarTech.com Lifetime warranty and free lifetime technical support.

Applications and Solutions

- 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
- 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
- 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 RS232 serial port with data transfer rate up to 460.8 Kbps
- Ships with half-height/low profile mounting bracket, includes standard bracket
- Selectable power output on pin 9 for the serial port
- Native single-chip, single lane PCI Express
- Single chip design optimizes speed and reliability
- Compliant with PCI Express base specifications revision 1.1a
- Automated out-of-band flow control using CTS/RTS and DSR/DTR
- Automated in-band software flow control using programmable Xon/Xoff in both directions
- 128-byte deep FIFO per transmitter and receiver

Technical Specifications

- Warranty: Lifetime warranty
- Bus Type: PCI Express
- Card Type: Low / Standard Profile
- Chipset ID: MosChip MSC9922CV-AA
- External Ports: 1 - DB 9-pin Serial Male
- Product Height: 20
- Humidity: 5~85% RH
- Internal Ports: 1 - 4 pin Power (LP4) Male
- Product Length: 105
- Maximum Data Transfer Rate: Up to 460 Kbps
- Number of Ports: 1
- Operating Temperature: -20°C to 85°C (-4deg;F to 185°F)
- Carton Quantity: 50
- Storage Temperature: -40°C to 85°C (-40deg;F to 185°F)
- Shipping (Package) Weight: 0.35 lb [0.16 kg]
- Product Weight: 51.5
- Microsoft WHQL Certified: Yes
- Product Width: 80
- OS Compatibility: DOS, Windows 95/ 98SE/ 2000/ XP(32/64bit)/ Server 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2, Linux, and Mac OS 10.4.x and up
Windows XP Embedded/ POS Ready 2009/ Embedded System 2009 OS/ CE 5.0/ CE 6.0

