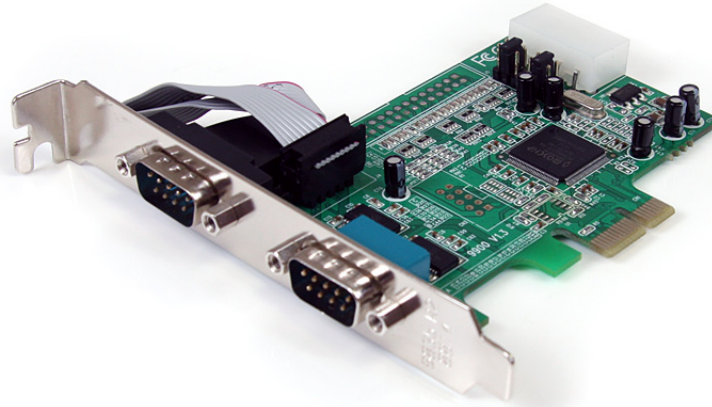


2 Port Native PCI Express RS232 Serial Adapter Card with 16550 UART

StarTech ID: PEX2S553



The PEX2S553 PCI Express serial card lets you turn a PCI Express slot into 2 RS232 (DB9) serial ports. Based on a native single chip design (no bridge chip), this 2-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 (PEX2S553) 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 MAC OS 10.4 and above.

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

This product is a replacement for our PEX2S552 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
 - 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
 - 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

- Two high speed RS232 serial ports with support for data transfer rates up to 460.8 Kbps
- Compliant with PCI Express base specifications revision 1.0a
- Includes half-height/low profile mounting bracket
- Selectable power output on pin 9 for the serial port
- 128-byte deep FIFO per transmitter and receiver
- Native single-Chip, single lane PCI Express
- 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

Technical Specifications

- Warranty: 1 Year warranty
- Bus Type: PCI Express
- Color: Green
- Connector Types: 2 - DB9 Male
- Product Height: 20
- Product Length: 105
- Number of Ports: 2
- Carton Quantity: 50
- Shipping (Package) Weight: 0.4 lb [0.18 kg]
- Product Weight: 63.5
- Product Width: 120
- Bus Type: PCI Express
- Maximum Data Transfer Rate: 460.8 Kbps
- Note: Selectable power output on pin 9 of the serial port
- Supports: x1, x2, x4, x8, x16(lane)
- Card Type: Low / Standard Profile
- Humidity: 5~85% RH
- Operating Temperature: -20°C to 85°C (-4deg;F to 185°F)
- Storage Temperature: -40°C to 85°C (-40deg;F to 185°F)
- Chipset ID: MosChip MCS9922CV-AA
- 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

