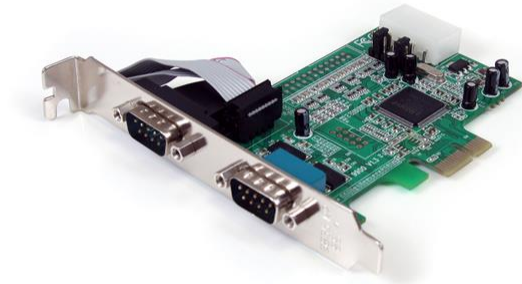


2 Port Native PCI Express RS232 Serial Adapter Card with 16550 UART

Product 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 to 4.11.x, 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.

Certifications, Reports and Compatibility

Applications

- 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
- Includes half-height/low profile mounting bracket
- Native single-Chip, single lane PCI Express
- Selectable power output on pin 9 for the serial port
- Two high speed RS232 serial ports with support for data transfer rates up to 460.8 Kbps

Hardware

| | |
|------------|-------------------------------------|
| Warranty | 2 Years |
| Ports | 2 |
| Interface | Serial |
| Bus Type | PCI Express |
| Card Type | Standard Profile (LP bracket incl.) |
| Port Style | Integrated on Card |
| Chipset ID | ASIX - MCS9922CV-AA |

Performance

| | |
|-----------------|------------|
| Serial Protocol | RS-232 |
| Max Baud Rate | 460.8 Kbps |
| FIFO | 128 Bytes |

Connector(s)

| | |
|-------------------|----------------|
| Connector Type(s) | PCI Express x1 |
|-------------------|----------------|

Internal Ports LP4 (4 pin; Large Drive Power)

External Ports DB-9 (9 pin, D-Sub)

Software

OS Compatibility Windows DOS, 95, 98SE, 2000, CE 5.0/6.0, Embedded System 2009, POS Ready 2009, XP Embedded, XP, Vista, 7, 8, 8.1, 10
Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019
Mac OS X 10.4 to 10.10
Linux kernel 2.6.x to 4.11.x <i>LTS Versions only</i>

Special Notes / Requirements

Note Selectable power output on pin 9 of the serial port

Environmental

Operating Temperature -10C to 80C (14F to 176F)
Storage Temperature -20C to 100C (-4F to 212F)
Humidity 5~85% RH

Physical Characteristics

Color Green
Material Steel
Product Length 4.1 in [10.5 cm]
Product Width 4.7 in [12 cm]
Product Height 0.8 in [20 mm]
Weight of Product 2.2 oz [61 g]

Packaging Information

Package Length 6.9 in [17.5 cm]
Package Width 5.7 in [14.5 cm]
Package Height 1.3 in [32 mm]
Shipping (Package) Weight 5.3 oz [151 g]



**What's in the
Box**

| | |
|---------------------|--------------------------------|
| Included in Package | 2 Port PCI-Express Serial Card |
| | Driver CD |
| | Instruction Manual |
| | Low Profile Brackets |

****Product appearance and specifications are subject to change without notice.***

