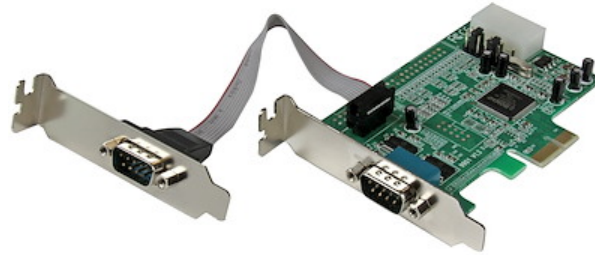


2 Port Low Profile Native RS232 PCI Express Serial Card with 16550 UART

Product ID: PEX2S553LP



The PEX2S553LP low profile/half-height PCI Express Serial Card turns a PCI Express slot into two RS232 (DB9) serial connections.

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, and Linux Kernel 2.6.11 to 4.11.x, and ships with a low profile/half-height bracket installed but includes an optional full profile bracket that lets you add 2 serial ports to virtually any computer (regardless of the case form factor).

This product is a replacement for our PEX2S552LP card.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- 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 optional standard profile bracket
- Single chip design optimizes speed and reliability
- Native single-chip, single lane PCI Express
- Selectable power output on pin 9 for the serial port
- 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

Hardware

| | |
|------------|--------------------------------|
| Warranty | 2 Years |
| Ports | 1 |
| Interface | Serial |
| Bus Type | PCI Express |
| Card Type | Low Profile (SP 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, 11 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> |
| Microsoft WHQL Certified | Yes |

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 | 3.1 in [80 mm] |
| Product Height | 0.8 in [20 mm] |
| Weight of Product | 2.2 oz [63.5 g] |

Packaging Information

| | |
|--------------------|------------------|
| Package Length | 6.8 in [17.3 cm] |
| Package Width | 5.6 in [14.3 cm] |
| Package Height | 1.3 in [32 mm] |
| Shipping (Package) | 6.4 oz [180 g] |



Weight

What's in the Box

| | |
|---------------------|-------------------------|
| Included in Package | PCI-Express Serial Card |
| | DB9 Ribbon cable |
| | Full Profile Bracket |
| | Low profile bracket |
| | Driver CD |
| | Instruction Manual |

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

