

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

StarTech 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® 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 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 Lifetime warranty and free lifetime technical support.

## 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

Technical Specifications

Warranty	2 Years
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Chipset ID	ASIX/MosChip - MCS9922CV-AA
Interface	Serial
Port Style	Integrated on Card
Ports	2
FIFO	128 Bytes
Max Baud Rate	460.8 Kbps
Serial Protocol	RS-232
Connector Type(s)	1 - PCI Express x1 Male
External Ports	2 - DB-9 (9 pin; D-Sub) Male
Internal Ports	1 - LP4 (4 pin; Molex Large Drive Power) Male
Microsoft WHQL Certified	Yes
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 Mac OS X® 10.4 to 10.10 Linux kernel 2.6.x to 4.4.x <i>LTS Versions only</i>
Humidity	5~85% RH
Operating Temperature	-10°C to 80°C (14°F to 176°F)
Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Product Height	0.8 in [20 mm]
Product Length	4.1 in [105 mm]
Product Weight	2.2 oz [63.5 g]
Product Width	3.1 in [80 mm]
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - PCI-Express Serial Card
Included in Package	1 - DB9 Ribbon cable

Included in Package	1 - Full Profile Bracket
Included in Package	1 - Low profile bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

### Certifications, Reports and Compatibility

