

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 2000/XP/2003/Vista/Windows 7/Server 2008 R2 (32 and 64-bit), 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 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

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) Weight	6.4 oz [180 g]

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.***

