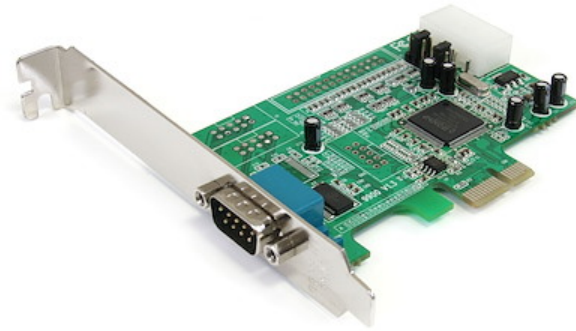


1 Port Native PCI Express RS232 Serial Adapter Card with 16550 UART

Product ID: PEX1S553



The PEX1S553 PCI Express Serial adapter card allows you to turn a PCI Express slot into an RS232 (DB9) serial connection. 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 4.11x, as well as MAC OS X 10.4 and above. The adapter card includes an optional half-height/low profile bracket, that lets you add a serial port to virtually any computer, regardless of the case form factor.

This product is a replacement for our PEX1S552 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
- 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

- One high speed RS-232 serial port with data transfer rate support up to 460.8 Kbps
- Compliant with PCI Express base specifications revision 1.0a
- Includes half-height bracket for installation in low profile systems
- 128-byte deep FIFO per transmitter and receiver
- Selectable power output on pin 9 for the serial port
- Native single-chip, single lane PCI Express
- 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

Hardware

Warranty	2 Years
Ports	1
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
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
	Mac OS X 10.4 to 10.10
	Linux kernel 2.6.x to 4.11x <i>LTS Versions only</i>

Special Notes / Requirements

Note	Selectable power output on pin 9 of the serial port
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Environmental

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

Physical Characteristics

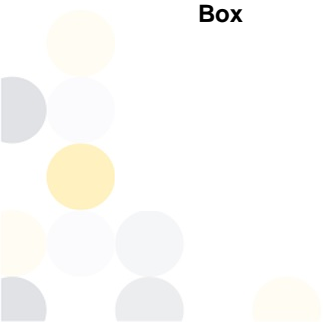
Color	Green
Product Length	4.1 in [10.5 cm]
Product Width	4.7 in [12.0 cm]
Product Height	0.8 in [20.0 mm]
Weight of Product	1.8 oz [51.5 g]

Packaging Information

Package Length	8.4 in [21.3 cm]
Package Width	1.5 in [38.0 mm]
Package Height	5.4 in [13.8 cm]
Shipping (Package) Weight	6.4 oz [180.0 g]

What's in the Box

Included in Package	1 Port PCI-Express Serial Card
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Low Profile Bracket

Driver CD

Instruction Manual

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

