

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

Product ID: PEX1S553



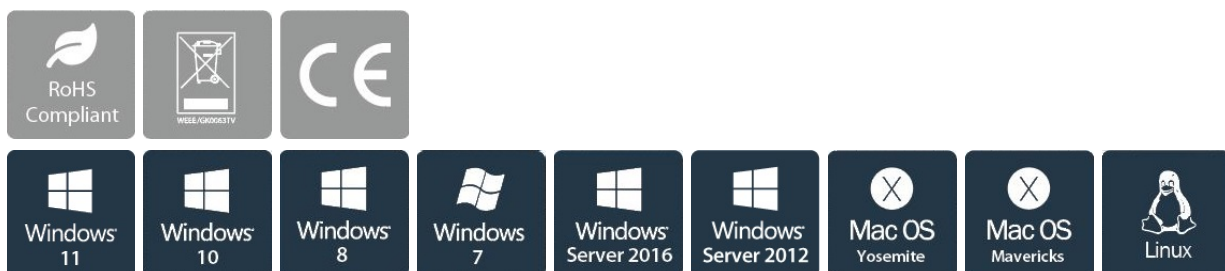
The PEX1S553 PCI Express Serial adapter card allows you to turn a PCI Express slot into an RS232 (DB9) serial connection. The card is constructed using a native single chip design that lets you harness the full capability offered by PCI Express (PCIe), while reducing the load applied to the CPU by as 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
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	Max Baud Rate	460.8 Kbps
	FIFO	128 Bytes
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Connector(s)		
	Connector Type(s)	1 - PCI Express x1
	External Ports	1 - DB-9 (9 pin, D-Sub)
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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
		Mac OS X 10.4 to 10.10
		Linux kernel 2.6.x to 4.11x LTS Versions only
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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
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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 [2.0 cm]
	Weight of Product	1.8 oz [51.5 g]
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Packaging Information		
	Package Quantity	1
	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	0.4 lb [0.2 kg]

What's in the Box

Included in Package	1 - 1 Port PCI-Express Serial Card
	1 - Low Profile Bracket
	1 - Driver CD
	1 - Instruction Manual

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