

## 4 Port RS232 PCI Express Serial Card w/ Breakout Cable

**Product ID:** PEX4S553B



The PEX4S553B 4-Port PCI Express Serial Card (with breakout cable) lets you add 4 RS232 serial ports using a single PCIe expansion slot, with an included 1-to-4 cable enabling you to add 4 serial ports to a single low profile slot.

The serial card features a native single-chip design that provides optimum reliability and speed, reducing the CPU load by up to 48% over conventional bridge-chip serial cards - a cost-effective solution for connecting legacy serial devices to PCIe-enabled computers.

The multi-port serial adapter includes both full profile and low profile/half-height brackets for compatibility with standard and small form factor computers, and is compatible with a broad range of operating systems, including Windows, Linux, and MAC OS.

This product is a replacement for our PEX4S552B card.

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

## Certifications, Reports and Compatibility

### Applications

- Connect specialized parallel and serial devices like printers, scanners, ISDN terminal adapters, CD-R/RWs, Zip drives and memory card readers
- Consumer (modems, PDAs, digital cameras, printers)
- Entertainment (video lottery terminals, slot machines, gaming systems)
- Environmental Control (lighting, temperature, clocks)

- Healthcare (patient monitoring equipment, nurses' stations, modems)
- Hospitality/Restaurant (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- ISDN Networking
- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- Point-of-Sale (POS credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Security (UPS control, access key panels, video cameras, card readers, modems)

## Features

- Automated out-of-band flow control using CTS/RTS and DSR/DTR
- Compliant with PCI Express base specifications revision 1.0a
- Includes a full profile and low profile/half-height bracket
- Native single chip design
- On chip 256-byte depth FIFO in transmit/receive path of each port
- Single-Lane (x1) PCI-Express with throughput up to 2.5Gbps
- Supports hardware and software flow control
- Supports data transfer rates up to 250Kbps on each port

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### Hardware

Warranty	Lifetime
Ports	4
Interface	Serial
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Dongle (Included)
Chipset ID	ASIX Moschip MCS9904CV-AA

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### Performance

Serial Protocol	RS-232
Max Baud Rate	230.4 Kbps



Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Parity	Even, Odd, None, Space and Mark

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#### Connector(s)

Connector Type(s)	PCI Express x1
External Ports	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  Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019  Mac OS 10.4 to 10.10  Linux 3.5.x to 4.11.x <i>LTS Versions Only</i>
Microsoft WHQL Certified	Yes

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#### Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	5~85% RH

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#### Physical Characteristics

Material	Steel
Product Length	3.2 in [80.5 mm]
Product Width	0.5 in [12 mm]
Product Height	2.7 in [68.5 mm]
Weight of Product	8.4 oz [239 g]

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#### Packaging Information

Package Length	5.7 in [14.5 cm]
Package Width	8.2 in [20.8 cm]



Package Height	1.6 in [41 mm]
Shipping (Package) Weight	12.1 oz [343 g]

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**What's in the Box**

Included in Package	4 Port PCI-Express Serial Card
	Breakout cable
	Driver CD
	Full profile bracket
	Instruction Manual

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

