

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

- Point-of-Sale (POS credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- Connect specialized parallel and serial devices like printers, scanners, ISDN terminal adapters, CD-R/RWs, Zip drives and memory card readers
- Environmental Control (lighting, temperature, clocks)
- Entertainment (video lottery terminals, slot machines, gaming systems)
- Healthcare (patient monitoring equipment, nurses' stations, modems)
- Security (UPS control, access key panels, video cameras, card readers, modems)
- Hospitality/Restaurant (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- Consumer (modems, PDAs, digital cameras, printers)
- ISDN Networking

Features

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

Hardware

Warranty	Lifetime
Ports	4
Interface	Serial
Bus Type	PCI Express

Card Type	Low Profile (SP bracket incl.)
Port Style	Integrated on Card
Chipset ID	ASIX Moschip MCS9904CV-AA

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
MTBF	324,892 hours

Connector(s)

Connector Type(s)	1 - PCI Express x1
External Ports	4 - 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, 11 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022 Mac OS 10.4 to 10.10 Linux 3.5.x and up - <i>LTS Versions only</i>
Microsoft WHQL Certified	Yes

Power

Input Voltage	12V DC
Output Voltage	12V DC

Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)

Humidity 5~85% RH

Physical Characteristics

Color	Black
Material	Steel
Product Length	3.2 in [80.5 mm]
Product Width	0.5 in [1.2 cm]
Product Height	2.7 in [6.8 cm]
Weight of Product	8.4 oz [239 g]

Packaging Information

Package Quantity	1
Package Length	8.2 in [20.8 cm]
Package Width	5.7 in [14.6 cm]
Package Height	1.4 in [3.6 cm]
Shipping (Package) Weight	12.4 oz [352.0 g]

What's in the Box

Included in Package	1 - 4 Port PCI-Express Serial Card
	1 - Breakout cable
	1 - Full profile bracket
	1 - Driver CD
	1 - Instruction Manual

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