4 Port PCI Express PCIe Serial Combo Card - 2 x RS232 2 x RS422 / RS485

Product ID: PEX4S232485

The PEX4S232485 4 Port PCI Express PCIe Serial Combo Card - 2 x RS232 2 x RS422 / RS485 lets you add two RS232, and two RS422/485 serial ports to your PC through a PCI-Express expansion slot.

This PCI express serial card is a single card solution that is compatible with nearly any serial communication protocol, supporting RS-232, RS-422, RS-485 2-wire or RS-485 4-wire operating modes.

A flexible solution for adding serial ports to full-sized, or small form factor systems, the 4-port serial card includes both low and full profile brackets while the included breakout cable helps to avoid cluttered connections.

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

Certifications, Reports and Compatibility

Applications

• Monitor and control industrial machines on an assembly line or in a production environment

• 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

• Self-service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers

Features

• 4 port (2 x RS232, 2 x RS422/485) serial combo card

• RS232 data transfer rates up to 460 Kbps

• Supports 2-Wire / 4-Wire RS485 modes

• 256-byte deep FIFO per transmitter and receiver

• Standard and low-profile bracket included

• Compliant with PCI-Express Specification 1.0a

• Supports PCI Power Management 1.1

Hardware

Warranty	Lifetime
Ports	4
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Dongle (Included)
Chipset ID	SystemBase - SB16C1052PCI

Performance

Serial Protocol	RS-232/422/485
Max Baud Rate	460.8 Kbps
Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Flow Control	None, Xon/Xoff, RTS/CTS

Parity	None, Odd, Even, Space, Mark
Stop Bits	1, 1.5, 2
MTBF	85,288 hours
Supported Protocols	RS-232, RS-422, RS-485 2-wire / 4-wire

Connector(s)

Connector Type(s)	1 - PCI Express x1
External Ports	4 - DB-9 (9 pin, D-Sub)

Software

OS Compatibility	Windows 2000, XP, Vista, 7, 8, 8.1, 10, 11
	Windows Server 2003, 2008 R2, 2012, 2016, 2019, 2022

Special Notes / Requirements

System and Cable Requirements	Available PCI Express slot

Power

Input Voltage	12V DC
Output Voltage	12V DC

Environmental

Operating Temperature	0C to 100C (32F to 212F)
Storage Temperature	0C to 150C (32F to 302F)
Humidity	20~80% RH

Physical Characteristics

Color	Green
Material	Steel
Product Length	5.3 in [13.4 cm]
Product Width	0.6 in [1.4 cm]
Product Height	2.7 in [6.9 cm]

	Weight of Product	2.4 oz [67.4 g]

Packaging Information

	Package Quantity	1
	Package Length	8.3 in [21.0 cm]
	Package Width	5.7 in [14.6 cm]
	Package Height	1.6 in [4.1 cm]
	Shipping (Package) Weight	13.8 oz [390.0 g]

What's in the Box

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

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