

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

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
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Special Notes / Requirements

System and Cable Requirements	Available PCI Express slot
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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	5.0 in [12.7 cm]
Product Width	0.6 in [1.4 cm]
Product Height	4.1 in [10.5 cm]

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