

8 Port PCI Express (PCIe) RS-232/422/485 Serial Card - 4 x RS232 4 x RS422 / RS485

StarTech ID: PEX8S232485



The PEX8S232485 8-Port PCIe Serial Combo Card lets you add four RS232 and four RS422 / RS485 serial ports to your PC through a single PCI Express expansion slot.

This multi-port serial card is a single card solution that offers compatibility with nearly any serial communication protocol, supporting RS-232, RS-422, RS-485 2-wire or RS-485 4-wire operating modes at data rates up to 460Kbps.

To fit most standard computer cases, the card ships with a standard profile bracket installed and includes a low-profile / half-height bracket for adapting to slimline or small form factor systems. Plus, the included breakout cable helps to avoid cluttered connections.

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

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

- 8 port (4 x RS232, 4 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 profile bracket installed, low profile bracket included
- Compliant with PCI-Express Specification 1.0a
- Supports PCI Power Management 1.1

Technical Specifications

Warranty	Lifetime
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	SystemBase - SB16C1052PCI
Interface	Serial
Port Style	Dongle (Included)
Ports	8
Connector Type(s)	1 - PCI Express x1 Male
External Ports	8 - DB-9 (9 pin; D-Sub) Male
Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Flow Control	None, Xon/Xoff, RTS/CTS
Max Baud Rate	460.8 Kbps
Parity	None, Odd, Even, Space, Mark
Serial Protocol	RS-232/422/485
Stop Bits	1, 1.5, 2
Supported Protocols	RS-232, RS-422, RS-485 2-wire / 4-wire
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), 2000 Windows® Server 2008 R2, 2003(32/64) Linux Kernel 2.6.x
Product Height	2.7 in [68 mm]
Product Length	6.7 in [170 mm]
Product Weight	2.9 oz [83 g]
Product Width	0.7 in [18 mm]
Humidity	20~80% RH
Operating Temperature	-0°C to 100°C (32°F to 212°F)
Storage Temperature	-65°C to 150°C (-85°F to 302°F)
System and Cable Requirements	Available PCI Express slot
Shipping (Package) Weight	19.5 oz [553 g]
Included in Package	1 - PCI Express Serial Card
Included in Package	1 - Breakout Cable
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

