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4 Port PCI RS422 RS485 Serial Adapter Card

Product ID: PCI4S422DB9



This 4 Port PCI RS422 RS485 Serial Adapter Card lets you add four high speed RS422/RS485 Serial interface ports to your system, and features on-card jumpers that let you configure each port as full or half duplex as needed.

The card comes with a breakout style cable that provides four DB9 connectors for use with common RS422/RS485 serial peripherals in virtually any operating environment (point of sale, security, industrial, etc.). The card offers a 32-Byte FIFO buffer and supports data transfer speeds reaching up to 230.4 Kbps.Intended as a permanent serial solution, the card is backed by StarTech.com's lifetime warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Ideal for commercial and industrial applications such as POS networks, ATMs, bank teller stations, and CNC based production lines

• Also used in environments using serial networking devices, high speed modems, monitoring equipment, long distance communication devices and printers

• Industrial process control

• Factory automation

Features

• Easily fits 5 volt and 3.3 volt PCI and PCI-X slots

• Compatible with most major OS platforms including Windows, Linux, UNIX and DOS

• RS-485 configuration supports Automatic Data Direction Control (ADDCTM)

• 32 Byte FIFO minimizes data loss and optimizes host efficiency and data integrity

• Plug & Play support for Windows O/S environments

Hardware

Warranty	Lifetime
Ports	4
Interface	Serial
Bus Type	PCI / PCI-X (5 / 3.3V)
Card Type	Standard Profile
Port Style	Dongle (Included)
Industry Standards	RS422, RS485
Chipset ID	Texas Instruments - TL16C554A

Performance

Serial Protocol	RS-422/485
Max Baud Rate	230.4 Kbps
Data Bits	5, 6, 7, 8
FIFO	32 Bytes
Parity	Even, Odd or No-Parity Bit
Stop Bits	1, 1.5, 2
Supported Protocols	Automatic Data Direction Control (ADDC)

Connector(s)

	Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V, 32-bit)
	External Ports	4 - DB-9 (9 pin, D-Sub)
Software		
	OS Compatibility	Windows 8 (32bit), 7 (32) Vista (32/64), XP (32/64), 2000
		Windows Server 2003(32bit)
		Linux, Unix SCO Open Server
Special Notes / Requirements		
	System and Cable Requirements	Unused PCI slot
	Note	One IRQ mapping assigned by PCI BIOS
Environmental		
	Operating Temperature	0C to 55C (32F to 131F)
	Storage Temperature	0C to 65C (32F to 149F)
	Humidity	5~85% RH
Physical Characteristics		
	Product Length	5.0 in [12.6 cm]
	Product Height	4.0 in [10.2 cm]
Packaging Information		
	Package Length	8.7 in [22 cm]
	Package Width	2.2 in [56 mm]
	Package Height	5.9 in [15 cm]
	Shipping (Package) Weight	1.0 lb [0.4 kg]
What's in the Box		
	Included in Package	1 - Serial Card
		1 - 4 Port DB9 Break-out Cable
		1 - Driver CD

Warranty Information		
	Warranty	Lifetime

Product appearance and specifications are subject to change without notice.

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