

## **4 Port PCI RS422 RS485 Serial Adapter Card**

*StarTech 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.

### **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

**Technical Specifications**

Warranty	Lifetime
Ports	4
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
Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V; 32-bit) Male
External Ports	4 - DB-9 (9 pin; D-Sub) Male
Maximum Data Transfer Rate	230.4 Kbps per port
Serial Protocol	RS-422/485
Data Bits	5, 6, 7, 8
Parity	Even, Odd or No-Parity Bit
Stop Bits	1, 1.5, 2
Supported Protocols	Automatic Data Direction Control (ADDC®)
OS Compatibility	Windows® Vista(32/64), XP(32/64), 2000 Linux, Unix SCO Open Server
Product Length	5 in [12.6 cm]
Product Height	4 in [10.2 cm]
Operating Temperature	0 - 55
Storage Temperature	0 - 65
System and Cable Requirements	Unused PCI slot
<b>Note</b>	One IRQ mapping assigned by PCI BIOS
Shipping (Package) Weight	1 lb [0.4 kg]
Included in Package	1 - Serial Card
Included in Package	1 - 4 Port DB9 Break-out Cable
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

