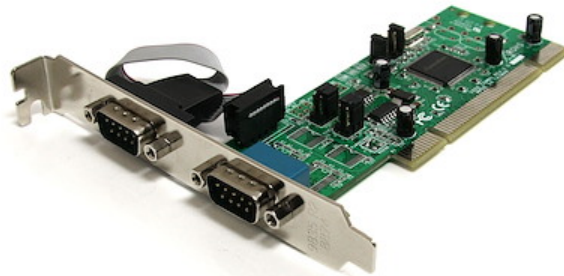


2 Port PCI RS422/485 Serial Adapter Card with 161050 UART - TAA

Product ID: PCI2S4851050



The PCI2S4851050 2-Port PCI Serial Adapter Card (RS422/RS485) with 161050 UART adds two DB9 RS422/RS485 serial ports, using a single PCI expansion slot.

The PCI serial card offers a high performance 16C1050 UART and supports both 2-wire and 4-wire RS485 modes. The card delivers an efficient single-chip design and a large 256-byte transit/receive FIFO buffer that work together to provide high-speed serial communication while reducing the overall load on the system CPU.

With the included standard and low profile/half-height brackets, this PCI serial expansion card suits a broad range of system form factors, and is a perfect addition for connecting RS422/485 serial devices to a host computer. For added versatility, the RS422/RS485 adapter is able to accommodate 3.3 or 5V PCI/PCI-X slots.

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

Certifications, Reports and Compatibility



Applications

- Add RS422 and RS485 (2 or 4-wire) support to a Desktop, Server or Embedded system

- For use in industrial environments with serial networking devices, high speed modems, monitoring equipment, long distance communication devices and printers
- Ideal for commercial and industrial applications such as POS networks, ATMs, bank teller stations, and CNC based production lines
- Works for industrial process control and factory automation applications

Features

- Supports maximum data transmission rate of 128Kbps
- 16C1050 UART with 256-byte Deep FIFO
- Supports 2-wire and 4-wire RS485 modes
- Jumper pins for RS422/485 toggling
- Supports Hardware and Software flow control
- Supports PCI Power Management 1.1
- Compliant with PCI Local Bus Specification 2.3

Hardware

Warranty	Lifetime
Ports	2
Interface	Serial
Bus Type	PCI / PCI-X (5 / 3.3V)
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Industry Standards	PCI Local Bus Specification 2.3 PCI Power Management 1.1
Chipset ID	SystemBase - SB16C1052PCI

Performance

Serial Protocol	RS-422/485
Max Baud Rate	128 Kbps
Data Bits	5, 6, 7, 8

FIFO	256 Bytes
Flow Control	Xon, Xoff
Parity	Even, Odd, or No Parity
Stop Bits	1, 1.5, 2

Connector(s)

Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V, 32-bit)
External Ports	2 - DB-9 (9 pin, D-Sub)

Software

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

Operating Temperature	-10C to 80C (14F to 176F)
Storage Temperature	-20C to 100C (-4F to 212F)
Humidity	5~85% RH

Physical Characteristics

Color	Green
Material	Steel
Product Length	4.7 in [12.0 cm]
Product Width	4.7 in [12.0 cm]
Product Height	0.7 in [1.8 cm]
Weight of Product	1.9 oz [53.0 g]

Packaging Information

Package Quantity	1
Package Length	6.9 in [17.6 cm]
Package Width	5.7 in [14.4 cm]

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