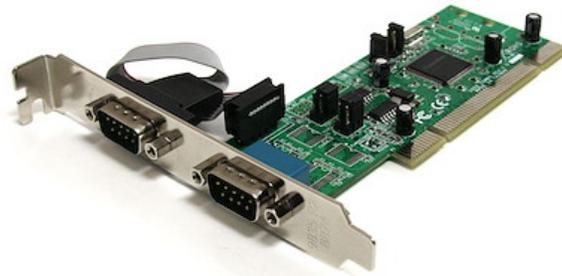


## 2 Port PCI RS422/485 Serial Adapter Card with 161050 UART - TAA

**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 transmit/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

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### 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<br>PCI Power Management 1.1 |
| Chipset ID         | SystemBase - SB16C1052PCI                                   |

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### 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               |

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**Connector(s)**

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

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**Software**

|                  |  |
|------------------|--|
| OS Compatibility | Windows XP, Vista, 7, 8, 8.1, 10, 11<br>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                   |

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**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]  |

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**Packaging Information**

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

Package Height 1.3 in [3.3 cm]

Shipping (Package) Weight 5.0 oz [142.0 g]

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**What's in the Box**

Included in Package

- 1 - 2 port PCI RS422/485 card
- 2 - Low profile (half-height) brackets
- 1 - Driver CD
- 1 - User Manual

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**Warranty Information**

Warranty Lifetime

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***\*Product appearance and specifications are subject to change without notice.***