

## 2 Port RS232/422/485 PCI Serial Adapter Card w/ ESD Protection

Product ID: PCI2S232485I



The PCI2S232485I PCI Serial Adapter Card lets you turn a PCI or PCI-X slot into 2 serial ports capable of communicating in RS-232, RS-422, or RS-485 operating modes, at baud rates up to 921.6 Kbps.

This universal serial adapter not only features two DB9 serial ports that can be independently configured, but also supports nearly any configuration including: RS-422, RS-485 2-wire, RS-485 4-wire, or RS-232 modes. Designed for reliability, this 2-port PCI Serial card also features built-in ESD (Electro-Static Discharge) protection to ensure that your connected serial devices remain protected.

For added versatility, the PCI RS232 card is compatible with a broad range of operating systems, including Windows®, Windows Server, Windows Embedded and Linux platforms, for simple installation into mixed environments.

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

### Certifications, Reports and Compatibility



### Applications

- Add RS232, RS422, and RS485 support to a Desktop, Server, or Embedded system
- Ideal for lab environments where serial requirements may change
- Communicate with two different serial modes from the same PCI card

### Features

- Supports RS232, RS422, RS485 2 wire, and RS485 4 wire modes
- Each port can be set independently
- Built-in ESD (Electro-Static Discharge) protection
- Compliant with PCI Rev. 2.2 specifications
- PCI Power Management Rev. 1.1 compliant
- 921.6Kbps maximum baud rate per port
- Jumper configuration for mode, echo, and termination setting
- WHQL drivers

|                                 |                           |   |
|---------------------------------|---------------------------|---|
| <b>Hardware</b>                 | Warranty                  | Lifetime  |
|                                 | Bus Type                  | PCI / PCI-X (5 / 3.3V)  |
|                                 | Card Type                 | Standard Profile  |
|                                 | Chipset ID                | PLX/Oxford - OXuPCI952  |
|                                 | Interface                 | Serial  |
|                                 | Port Style                | Integrated on Card  |
|                                 | Ports                     | 2   |
| <b>Performance</b>              | Data Bits                 | 5, 6, 7, 8, 9   |
|                                 | FIFO                      | 128 Bytes   |
|                                 | Flow Control              | Hardware, Auto Xon/Xoff, None   |
|                                 | Isolation                 | 2500 Vrms   |
|                                 | Max Baud Rate             | 921.6 Kbps  |
|                                 | MTBF                      | 234,450 hours   |
|                                 | Parity                    | None, Even, Odd   |
|                                 | Serial Protocol           | RS-232/422/485  |
| <b>Connector(s)</b>             | Connector Type(s)         | 1 - PCI / PCI-X (Universal 3.3 & 5V, 32-bit) Male   |
|                                 | External Ports            | 2 - DB-9 (9 pin, D-Sub) Male  |
| <b>Software</b>                 | Microsoft WHQL Certified  | Yes   |
|                                 | OS Compatibility          | Windows® CE 6.0/5.0, 2000, POS Ready 2009, XP Embedded, XP, Vista, 7, 8, 8.1, 10<br>Windows Server® 2003, 2008 R2, 2012, 2016<br>Linux 3.5 to 4.11.x <i>LTS Versions only</i> |
| <b>Environmental</b>            | Humidity                  | 5~95% RH  |
|                                 | Operating Temperature     | 0°C to 55°C (32°F to 131°F)   |
|                                 | Storage Temperature       | -20°C to 85°C (-4°F to 185°F)   |
| <b>Physical Characteristics</b> | Color                     | Yellow  |
|                                 | Product Height            | 0.7 in [18 mm]  |
|                                 | Product Length            | 4.8 in [121 mm]   |
|                                 | Product Weight            | 3 oz [84.4 g]   |
|                                 | Product Width             | 2.9 in [74 mm]  |
| <b>Packaging Information</b>    | Shipping (Package) Weight | 7.1 oz [200.3 g]  |

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| <b>What's in the Box</b> | Included in Package |                                       |
|--------------------------|---------------------|---------------------------------------|
|                          |                     | 1 - PCI RS232/RS485/RS422 Serial Card |
|                          |                     | 1 - Driver CD                         |
|                          |                     | 1 - Instruction Manual                |

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Product appearance and specifications are subject to change without notice.