

16 Port Low Profile RS232 PCI Express Serial Card - Cable Included

StarTech ID: PEX16S952LP



The PEX16S952LP 16 Port Low Profile RS232 PCI Express Serial Card with Cable Included lets you turn a single low profile PCIe slot into 16 RS232 (DB9) serial connections.

The serial adapter card is based on a native single chip design that allows you to harness the full capability of PCI Express (PCIe), delivering optimum reliability and speed while reducing the load applied to the CPU by as much as 48% over conventional serial cards.

This low profile serial card is compatible with a broad range of operating systems, including Windows® 7, XP, and Server 2003, and features a VHDCI 68 pin connector with an included serial breakout cable for installation into a single low profile expansion card slot. The card also includes a full-sized bracket, for installation in standard form factor computers.

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

Applications

- Control/monitoring of surveillance/security cameras and systems
- Industrial automation for factory/manufacturing floors
- Self service automated machines and kiosks (grocery, airport) to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- POS applications to control keyboards, cash drawers, receipt printers, card readers / card swipes, scales, and elevated displays on poles
- Bank teller workstations in either full profile or low profile versions to control their serial devices such as cash drawers, card readers / card swipes, printers, keypads / pinpads, pen pads

Features

- 16 high speed RS-232 serial ports with data transfer rate up to 921.6 Kbps
- 128-byte deep FIFO per transmitter and receiver
- Native single-Chip, single lane PCI Express
- Includes a Full Profile bracket
- High Performance Dual Channel Oxford 950 UART
- Selectable power output on pin 9 for the serial port
- Automated in-band software flow control using programmable Xon/Xoff in both directions
- Automated out-of-band hardware flow control using Tx/Rx/RTS/CTS/DSR/DTR/DCD/RI/GND
- Compliant with PCI Express base specifications revision 1.1

Technical Specifications

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|---------------------------|---|
| Warranty | Lifetime |
| Product Height | 0.8 in [20 mm] |
| Product Length | 7 in [178 mm] |
| Product Weight | 44.1 oz [1250 g] |
| Product Width | 2.7 in [68 mm] |
| Bus Type | PCI Express |
| Card Type | Low Profile (SP bracket incl.) |
| Chipset ID | PLX/Oxford - OXPCIe958 |
| Industry Standards | PCI Express 1.1, PCI Power Management 1.2 |
| Interface | Serial |
| Port Style | Dongle (Included) |
| Ports | 16 |
| Data Bits | 5, 6, 7, 8, 9 |
| FIFO | 128 Bytes |
| Max Baud Rate | 921.6 Kbps |
| Serial Protocol | RS-232 |
| Connector Type(s) | 1 - PCI Express x1 Male |
| External Ports | 16 - DB-9 (9 pin; D-Sub) Male |
| Internal Ports | 1 - SP4 (4 pin; Small Drive Power) Male |
| OS Compatibility | Windows® 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista (32/64), XP (32/64), 2000 Windows Server® 2012, 2008 R2, 2003 Linux 2.4.x/ 2.6.x |
| 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) |
| Shipping (Package) Weight | 2.6 lb [1.2 kg] |
| Included in Package | 1 - 16 Port Serial Card |
| Included in Package | 1 - 16 port breakout cable |
| Included in Package | 1 - Full Profile Bracket |
| Included in Package | 1 - Driver CD |
| Included in Package | 1 - Instruction Manual |

Certifications, Reports and Compatibility

