

4 Port Low Profile Native RS232 PCI Express Serial Card with 16950 UART

Product ID: PEX4S952LP



The PEX4S952LP 4 Port Low Profile Native RS232 PCI Express Serial Card (16950 UART) turns a PCI Express slot into four RS232 (DB9) serial connections.

The card is constructed using a native single chip design that lets you harness the full capability offered by PCI Express (PCIe), while reducing the load applied to the CPU by as much as 48% over conventional bridge chip serial cards.

The PCI Express RS232 Serial Adapter Card is compatible with a broad range of operating systems, including Windows 2000/XP/2003/Vista, Linux Kernel 2.6.11 and up, and ships with a half-height/low profile bracket installed, but also includes an optional full profile bracket that lets you add four serial ports to virtually any computer (regardless of the case form factor).

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

Certifications, Reports and Compatibility

Applications

- 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
- POS retail applications in grocery stores, and any other retail store to control keyboards, cash drawers, receipt printers, card readers / card swipes, scales, and elevated displays on poles
- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- Standard ATM automated teller machines to control keypads, receipt printer, card readers / card swipes,

touchscreen LCD's, camera control, etc.

- Used to control multiple surveillance / security cameras in a parking structure, office building, etc.

Features

- 128-byte deep FIFO per transmitter and receiver
- 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 1.1a
- High Performance Dual Channel Oxford 950 UART
- Native single-Chip, single lane PCI Express
- Selectable power output on pin 9 for the serial port
- Four high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Half-height mounting bracket installed for low profile cases; includes standard profile bracket

Hardware

| | |
|------------|--------------------------------|
| Warranty | Lifetime |
| Ports | 4 |
| Interface | Serial |
| Bus Type | PCI Express |
| Card Type | Low Profile (SP bracket incl.) |
| Port Style | Dongle (Included) |
| Chipset ID | PLX/Oxford - OXPCle954 |

Performance

| | |
|-----------------|--------------|
| Serial Protocol | RS-232 |
| Max Baud Rate | 460.8 Kbps |
| FIFO | 128 Bytes |
| MTBF | 87,600 Hours |



Connector(s)

| | |
|-------------------|--------------------------------|
| Connector Type(s) | PCI Express x1 |
| Internal Ports | LP4 (4 pin; Large Drive Power) |
| External Ports | DB-9 (9 pin, D-Sub) |

Software

| | |
|--------------------------|---|
| OS Compatibility | Windows CE 6.0/5.0/4.2, 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 Linux 2.4.x to 4.11.x <i>LTS Versions only</i> |
| Microsoft WHQL Certified | Yes |

Environmental

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

Physical Characteristics

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|-------------------|------------------|
| Product Length | 3.5 in [90.0 mm] |
| Product Width | 3.1 in [80.0 mm] |
| Product Height | 0.8 in [20.0 mm] |
| Weight of Product | 2.0 oz [58.0 g] |

Packaging Information

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|---------------------------|-------------------|
| Package Length | 8.7 in [22.0 cm] |
| Package Width | 5.9 in [15.0 cm] |
| Package Height | 2.2 in [55.0 mm] |
| Shipping (Package) Weight | 14.1 oz [400.0 g] |

What's in the Box

| | |
|---------------------|---|
| Included in Package | 4 Port Low Profile Serial Card Driver CD |
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Instruction Manual

Full Profile Bracket

4 Port DB9 Break-out Cable

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

