

4 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

Product ID: PEX4S952



The PEX4S952 4 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART allows you to turn a PCI Express slot into 4 RS-232 (DB9) serial connections.

The four port serial card is based on a native single chip design, that harnesses the full capability of PCI Express (PCIe) - providing optimum reliability and speed, and reducing the load applied to the CPU by as much as 48% over conventional serial cards.

Offering compatibility with a broad range of operating systems including Windows®, Linux and Mac® OS for easy integration into mixed environments. Plus, an included optional low profile/half-height bracket that allows the card to be installed in virtually any computer case – making it that much easier to add serial ports to your PCI Express enabled computer, regardless of the case form factor.

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

Certifications, Reports and Compatibility



Applications

- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- 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
- 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
- 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

- Four high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Includes low profile/half height mounting bracket
- 128-byte deep FIFO per transmitter and receiver
- High Performance Oxford 16950 UART
- Native single-chip, single lane PCI Express
- Compliant with PCI Express base specifications revision 1.0a
- 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

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|---------------------------------|---------------------------|---|
| Hardware | Warranty | Lifetime |
| | Bus Type | PCI Express |
| | Card Type | Standard Profile (LP bracket incl.) |
| | Chipset ID | PLX/Oxford - OXPCIe954 |
| | Interface | Serial |
| | Port Style | Integrated on Card |
| | Ports | 4 |
| Performance | Data Bits | 5, 6, 7, 8 |
| | FIFO | 128 Bytes |
| | Max Baud Rate | 460.8 Kbps |
| | MTBF | 87,600 Hours |
| | Serial Protocol | RS-232 |
| Connector(s) | Connector Type(s) | 1 - PCI Express x1 Male |
| | External Ports | 4 - DB-9 (9 pin, D-Sub) Male |
| 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> |
| Environmental | Humidity | 5~85% RH |
| | Operating Temperature | -10°C to 80°C (14°F to 176°F) |
| | Storage Temperature | -20°C to 100°C (-4°F to 212°F) |
| Physical Characteristics | Product Height | 0.8 in [2 cm] |
| | Product Length | 3.5 in [90 mm] |
| | Product Width | 2.6 in [65 mm] |
| | Weight of Product | 9.8 oz [277 g] |
| Packaging Information | Package Height | 1.6 in [41 mm] |
| | Package Length | 5.7 in [14.6 cm] |
| | Package Width | 8.2 in [20.9 cm] |
| | Shipping (Package) Weight | 13.4 oz [379 g] |
| What's in the Box | Included in Package | 1 - 4 Port Serial Card 1 - 4 Port DB9 Break-out cable |

2 - Low Profile Bracket

1 - Driver CD

1 - Instruction Manual

Product appearance and specifications are subject to change without notice.