

Discontinued and replaced by PEX1S953LP - 1 Port Low Profile Native PCI Express RS232 Serial Card with 16950 UART - PCIe Serial Card - 1 Port LP RS232 Card

Product ID: PEX1S952LP



The PEX1S952LP 1 Port Low Profile Native PCI Express RS232 Serial Adapter Card with 16950 UART adds an RS232 (DB9) Serial Port with data rates up to 460 Kbps to a computer through an available low profile PCIe slot, while relying on a native, single-chip design (Oxford OXPCle952) that harnesses the capability of true PCI Express - ensuring maximum performance and reliability and reducing the load applied to the CPU by as much as 48% over conventional (bridge chip) serial cards.

The 1 port RS232 serial card features a half-height pci express mounting bracket that's designed specifically for low profile/small form factor computer cases, and includes an optional standard height bracket as well. Compatible with a broad range of operating systems including Windows and Linux for easy integration into mixed environments.

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 1.0a
- High Performance Single Channel Oxford 950 UART
- Native single-Chip, single lane PCI Express
- One high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Selectable power output on pin 9 for the serial port
- Ships with low profile/half-height bracket, includes optional standard profile bracket

Hardware

Warranty	Lifetime
Ports	1
Interface	Serial
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Integrated on Card
Chipset ID	PLX/Oxford - OXPCle952

Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
Data Bits	4, 5, 6, 7, 8
FIFO	128 Bytes
Stop Bits	1, 1.5, 2

MTBF 87,600 Hours

Connector(s)

Connector Type(s) PCI Express x1

External Ports DB-9 (9 pin, D-Sub)

Software

OS Compatibility Windows CE 6.0 / 5.0, 95, 98SE, 2000, XP, XP Embedded, 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

Special Notes / Requirements

Note Selectable power output on pin 9 of the serial port

Environmental

Operating Temperature -10C to 80C (14F to 176F)

Storage Temperature -20C to 100C (-4F to 212F)

Humidity 5~85% RH

Physical Characteristics

Product Length 3.5 in [90.0 mm]

Product Width 2.6 in [65.0 mm]

Product Height 0.8 in [20.0 mm]

Weight of Product 1.7 oz [48.0 g]

Packaging Information

Package Length 6.9 in [17.4 cm]

Package Width 5.7 in [14.4 cm]

Package Height 1.2 in [31.0 mm]

Shipping (Package) Weight 4.6 oz [130.0 g]

**What's in the
Box**

Included in Package	1 Port Serial Card
	Driver CD
	Instruction Manual
	Standard Profile Bracket

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

