

Discontinued and replaced by PEX2S953LP - 2 Port Low Profile Native RS232 PCI Express Serial Card with 16950 UART

**Product ID:** PEX2S952LP



The PEX2S952LP low profile/half-height PCI Express Serial Card turns a PCI Express slot into two 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 7/ Server 2008 R2 / Vista/ XP/ 2000, Linux Kernel 2.6.11 to 4.11.x. The card comes pre-configured with a low profile bracket, but also includes an optional full profile bracket that lets you add two 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

- REPLACED BY PEX2S953LP; Add two RS-232 serial ports to your standard or small form-factor computer through a PCI Express expansion slot
- 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
- Two high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Ships with half-height mounting bracket; includes optional standard bracket

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### Hardware

Warranty	Lifetime
Ports	2
Interface	Serial
Bus Type	PCI Express
Card Type	Low Profile (SP bracket incl.)
Port Style	Integrated on Card
Chipset ID	PLX/Oxford - OXPCle952

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### Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
FIFO	128 Bytes



MTBF 87,600 Hours

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**Connector(s)**

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

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**Software**

OS Compatibility	Windows CE 6.0 / 5.0, 95, 98SE, 2000, XP, XP Embedded, Vista, 7, 8, 8.1, 10, 11  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

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**Environmental**

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

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**Physical Characteristics**

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	1.6 oz [46.0 g]

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**Packaging Information**

Package Length	6.9 in [17.5 cm]
Package Width	5.7 in [14.5 cm]
Package Height	1.3 in [32.0 mm]
Shipping (Package) Weight	5.3 oz [149.0 g]

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**What's in the Box**



Included in Package	Low Profile Serial Card
	Ribbon Cable w/ DB9 port
	Full Profile Bracket
	Low Profile Bracket
	Driver CD
	Instruction Manual

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

