

# 1 Port Low Profile Native PCI Express Serial Card w/ 16950

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 OXPCIe952) 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

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

<b>Hardware</b>	Warranty	Lifetime
	Bus Type	PCI Express
	Card Type	Low Profile (SP bracket incl.)
	Chipset ID	PLX/Oxford - OXPcIe952
	Interface	Serial
	Port Style	Integrated on Card
	Ports	1
<b>Performance</b>	Data Bits	4, 5, 6, 7, 8
	FIFO	128 Bytes
	Max Baud Rate	460.8 Kbps
	MTBF	87,600 Hours
	Serial Protocol	RS-232
	Stop Bits	1, 1.5, 2
<b>Connector(s)</b>	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	1 - DB-9 (9 pin, D-Sub) Male
<b>Software</b>	Microsoft WHQL Certified	Yes
	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 Linux 2.4.x to 4.11.x <i>LTS Versions only</i>
<b>Special Notes / Requirements</b>	<b>Note</b>	Selectable power output on pin 9 of the serial port
<b>Environmental</b>	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)
<b>Physical Characteristics</b>	Product Height	20 mm [0.8 in]
	Product Length	90 mm [3.5 in]
	Product Weight	48 g [1.7 oz]
	Product Width	65 mm [2.6 in]
<b>Packaging Information</b>	Shipping (Package) Weight	130 g [4.6 oz]
<b>What's in the Box</b>	Included in Package	1 - 1 Port Serial Card 1 - Standard Profile Bracket

1 - Driver CD

1 - Instruction Manual

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Product appearance and specifications are subject to change without notice.