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 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

• REPLACED BY PEX1S953LP: Add 1 high-speed serial RS-232 port to any PC with a PCI Express slot

• Native single-Chip, single lane PCI Express

• One high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps

• 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

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 - OXPCIe952
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 LTS Versions only
	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)	4.6 oz [130.0 g]

	Weight	

What's in the Box		
	Included in Package	1 Port Serial Card
		Standard Profile Bracket
		Driver CD
		Instruction Manual

Product appearance and specifications are subject to change without notice.