4 Port Low Profile Native RS232 PCI Express Serial Card with 16950 UART

Product ID: PEX4S952LP

The PEX4S952LP 4 Port Low Profile Native RS232 PCI Express Serial Card (16950 UART) turns a PCI Express slot into four 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® 2000/XP/2003/Vista, Linux Kernel 2.6.11 and up, and ships with a half-height/low profile bracket installed, but also includes an optional full profile bracket that lets you add four 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

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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

- Four high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- High Performance Dual Channel Oxford 950 UART
- Half-height mounting bracket installed for low profile cases; includes standard profile bracket
- Native single-Chip, single lane PCI Express
- 128-byte deep FIFO per transmitter and receiver
- Selectable power output on pin 9 for the serial port
- Compliant with PCI Express base specifications revision 1.1a
- 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

Hardware	Warranty	Lifetime
	Bus Type	PCI Express
	Card Type	Low Profile (SP bracket incl.)
	Chipset ID	PLX/Oxford - OXPCIe954
	Interface	Serial
	Port Style	Dongle (Included)
	Ports	4
Performance	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
	Internal Ports	1 - LP4 (4 pin; Molex-type Large Drive Power) Male
Software	Microsoft WHQL Certified	Yes
	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 Linux 2.4.x to 4.11.x *LTS Versions only*
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 [20 mm]
	Product Length	3.5 in [90 mm]
	Product Weight	2 oz [58 g]
	Product Width	3.1 in [80 mm]
Packaging Information	Shipping (Package) Weight	0.9 lb [0.4 kg]
What's in the Box	Included in Package	1 - 4 Port Low Profile Serial Card
		1 - 4 Port DB9 Break-out Cable
		1 - Full Profile Bracket
		1 - Driver CD
		1 - Instruction Manual