8 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART

Product ID: PEX8S952

The PEX8S952 8 Port Native PCI Express RS232 Serial Adapter Card with 16950 UART allows you to turn a PCI Express slot into eight RS232 (DB9) serial connections using the included breakout cable.

The serial card is based on a native chip design, that allows you to harness the full capability of PCI Express (PCIe) - providing optimum reliability and speed, and reducing the load applied to the CPU by as much as 48% over conventional serial cards that use a PCI to PCIe bridge.

The RS232 Serial Adapter Card is compatible with a broad range of operating systems, including Windows®, Linux, and MAC OS for easy integration into mixed environments.

Backed by a StarTech.com Lifetime warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS Compliant Available

CE

FC

TAA COMPLIANT

Applications

- Self service automated machines and kiosks to control serial devices such as scales, touchscreens, magnetic card readers, bar code scanners, receipt printers, label printers
- 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
- 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
- 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

- 8 high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- Breakout dongle cable included
- 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 Dual Channel Oxford 950 UART
- Native single-Chip, single lane PCI Express

Hardware	Warranty	Lifetime
	Bus Type	PCI Express
	Card Type	Standard Profile
	Chipset ID	PLX/Oxford - OXPCIe958 PLX/Oxford - OXPCIe954
	Interface	Serial
	Port Style	Dongle (Included)
	Ports	8
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	8 - DB-9 (9 pin, D-Sub) Male
Software	OS Compatibility	Windows® 98SE, ME, 2000, CE 4.2/5.0/6.0, 2000, XP Embedded, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2016 Linux 3.5.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	20 mm [0.8 in]
	Product Length	90 mm [3.5 in]
	Product Weight	472 g [16.7 oz]
	Product Width	65 mm [2.6 in]
Packaging Information	Shipping (Package) Weight	585 g [20.7 oz]
What's in the Box	Included in Package	1 - 8 Port Serial Card
		1 - 8 Port DB9 Break-out cable
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.