

2 Port RS232 PCI Express Serial Card with Power Output

Product ID: PEX2S952PW



The PEX2S952PW 2-Port PCI Express Serial Card (with Power Output) turns a PCI Express slot into 2 RS232 (DB9) serial connections and enables compatible devices to draw power from the serial ports.

Suitable for many RS232-powered serial applications, this PCIe serial card offers a selectable 5V or 12V power option capable of power output using pin 1, 4, 8 or 9, allowing you to configure the card to suit the requirements of your powered RS232 devices.

A flexible solution for adding serial ports to small form factor or full-sized systems, the 2-port serial card includes both low and full profile brackets and features a 4-layer PCB (with separate layers for data and ground) to greatly reduce signal noise and loss.

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

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

Certifications, Reports and Compatibility

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.
- Monitor and control industrial machines on an assembly line or in a production environment

Features

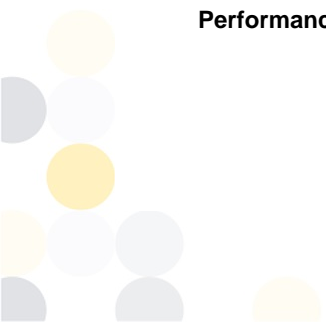
- 128-byte deep FIFO per transmitter and receiver
- Compliant with PCI Express base specifications revision 1.1
- High Performance Dual Channel Oxford 16C950 UART
- Native single-chip, single lane PCI Express architecture
- Selectable voltage output of 5V or 12V
- Two high speed RS232 serial ports with data transfer rate up to 460 Kbps
- 15KV ESD protection on all signal pins
- Selectable power output via pin 1/4/8/9
- 4-layer PCB reduces signal noise and loss (separate data / ground layers)

Hardware

Warranty	Lifetime
Ports	2
Interface	Serial
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Dongle (Included)
Industry Standards	PCI Express 1.1
Chipset ID	PLX/Oxford - OXPCIe952

Performance

Maximum Data Transfer Rate	460.8 Kbps
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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
Surge Protection	15KV ESD on all signal pins

Connector(s)

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

Software

OS Compatibility	Windows 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), XP Embedded, CE 6.0 / 5.0 Windows Server 2012, 2008 R2, 2003(32/64), 2000 Linux 2.4.x / 2.6.x
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Power

Output Voltage	12/5V DC
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Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-20C to 60C (4F to 140F)
Humidity	5~85% RH

Physical Characteristics

Color	Black
Product Length	3.1 in [80 mm]
Product Width	0.6 in [15 mm]
Product Height	2.3 in [59 mm]
Weight of Product	1.9 oz [54 g]



Packaging Information

Package Length	6.7 in [17 cm]
Package Width	5.6 in [14.2 cm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	9.5 oz [268 g]

What's in the Box

Included in Package	2 Port Serial Card
	Driver CD
	Instruction Manual
	Breakout Cable
	Low Profile Bracket

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

