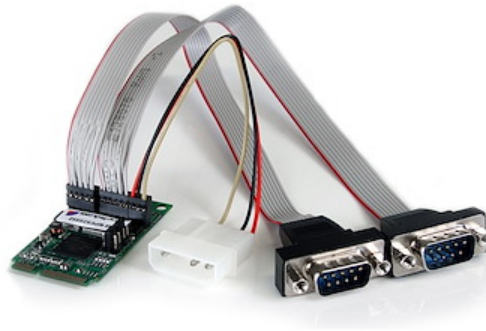


2 Port RS232 Mini PCI Express Serial Card w/ 16950 UART

Product ID: MPEX2S952



The MPEX2S952 2-port Mini PCI Express serial card turns a mini-PCIe slot into two RS232 (DB9) serial ports - a cost-saving solution for adding legacy serial support for embedded systems that aren't normally compatible.

The adapter card features a native PCI Express single chip design, which allows you to take advantage of full PCI Express capability by providing improved speed and reliability while reducing the load applied to the CPU by as much as 48% over conventional "bridge chip" serial cards .

Designed and constructed to provide long-lasting durability and reliability, the 2-Port Mini PCI Express RS232 Serial Card is backed by our Lifetime Warranty and free lifetime technical support.

Application Diagrams

Certifications, Reports and Compatibility

Applications

- Add serial ports to industrial embedded computers and systems
- Add serial RS232 control to an embedded or slim media center/media server
- Additional ports to slimline POS systems
- Connect to any motherboard with a PCI Express mini slot

Features

- Compliant with PCI Express base specifications revision 1.1a

- High Performance Dual Channel Oxford 16950 UART
- Native single-Chip, single lane PCI Express
- Two high speed RS-232 serial ports with data transfer rate up to 460.8 Kbps
- 128-byte deep FIFO per transmitter and receiver
- Asynchronous baud rates up to 15Mbps
- 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
- Includes two 30cm IDC to DB9 serial cables

Hardware

Warranty	Lifetime
Ports	2
Interface	Serial
Bus Type	mini PCI Express
Card Type	Embedded
Port Style	Dongle (Included)
Chipset ID	PLX/Oxford - OXPCle952

Performance

Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
Data Bits	4, 5, 6, 7, 8
FIFO	128 Bytes
Flow Control	None, Xon/Xoff, RTS/CTS
Parity	None, Odd, Even, Space, Mark
Stop Bits	1, 1.5, 2

Connector(s)

Connector Type(s)	Mini PCI Express x1 (52 pin)
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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
Linux 2.4.x to 4.4.x <i>LTS Versions only</i>

Microsoft WHQL Certified Yes

Environmental

Operating Temperature -10C to 80C (14F to 176F)
Storage Temperature -20C to 100C (-4F to 212F)
Humidity 5~85% RH

Physical Characteristics

Color Green
Product Length 2.0 in [50 mm]
Product Width 1.2 in [30 mm]
Product Height 0.4 in [10 mm]
Weight of Product 0.2 oz [6 g]

Packaging Information

Package Length 8.4 in [21.2 cm]
Package Width 1.5 in [38 mm]
Package Height 5.9 in [15 cm]
Shipping (Package) Weight 4.9 oz [140 g]

What's in the Box

Included in Package 2 Port Mini-PCIe Serial Card
DB9 ribbon cable



LP4 to 6 pin power cable

Driver CD

Instruction Manual

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

