

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

StarTech ID: MPEX2S952

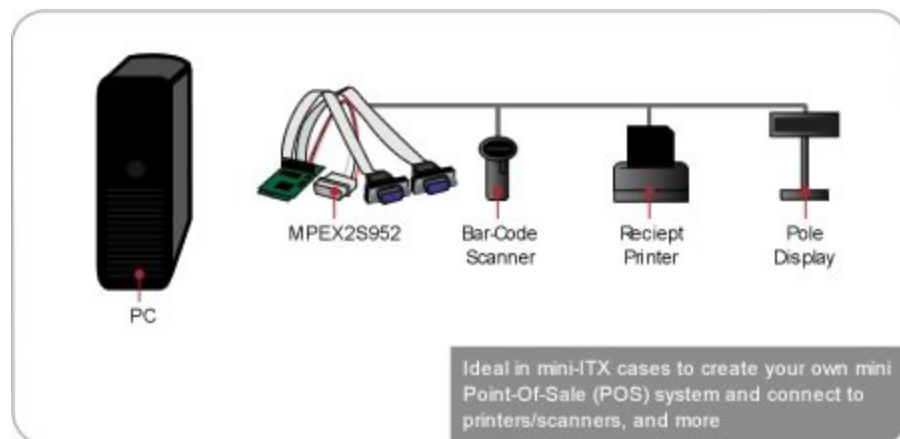


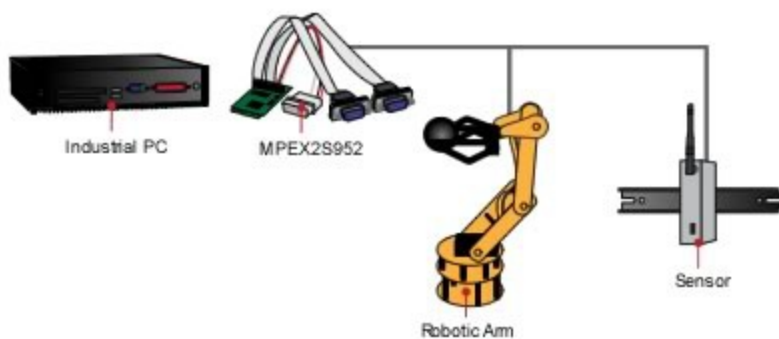
The MPEX2S952 2-port Mini PCI Express serial card turns a mini-PCIe slot into two RS232 (DB9) serial ports - a cost-saving solution for adding legacy serial support for embedded systems that aren't normally compatible.

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





Perfect for creating small form industrial monitoring and control systems that can be installed or mounted nearly anywhere

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/R/GND
- Includes two 30cm IDC to DB9 serial cables

Technical Specifications

Warranty	Lifetime
Ports	2
Interface	serial
Bus Type	mini PCI Express
Card Type	Embedded
Chipset ID	PLX/Oxford - OXPCIe952
Connector Type(s)	1 - Mini PCI Express x1 (52 pin) Male
External Ports	2 - DB-9 (9 pin; D-Sub) Male
Serial Protocol	RS-232
Max Baud Rate	460.8 Kbps
Data Bits	4, 5, 6, 7, 8
FIFO	128K byte assigned FIFO
Flow Control	None, Xon/Xoff, RTS/CTS
Parity	None, Odd, Even, Space, Mark
Stop Bits	1, 1.5, 2
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), 2000 Windows® Server 2008 R2, 2003(32/64) Linux 2.4.x and up
Microsoft WHQL Certified	Yes
Color	Green
Product Length	2 in [50 mm]
Product Width	1.2 in [30 mm]
Product Height	0.4 in [10 mm]
Product Weight	0.2 oz [6 g]
Operating Temperature	-205/23/2012eg;C to 855/23/2012eg;C (-45/23/2012eg;F to 1855/23/2012eg;F)
Storage Temperature	-405/23/2012eg;C to 855/23/2012eg;C (-405/23/2012eg;F to 1855/23/2012eg;F)
Humidity	5 to 85% RH
Shipping (Package) Weight	4.9 oz [140 g]
Included in Package	1 - 2 Port Mini-PCIe Serial Card
Included in Package	2 - DB9 ribbon cable
Included in Package	1 - LP4 to 6 pin power cable
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

