4 Port RS232 Mini PCI Express Serial Card w/ 16650 UART

StarTech ID: MPEX4S552

The MPEX4S952 4-Port RS232 Mini PCI Express Serial Card (16650 UART) turns a mini-PCIe slot into four RS232 (DB9) serial ports with data rates up to 921.6 Kbps - a cost-saving solution for adding serial support to embedded systems missing the functionality.

A native PCIe single-chip design enables you to take advantage of full PCI Express bus 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 .

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

Applications

- Add serial ports to industrial embedded computers and systems
- Add RS232 serial control to an embedded or slim media center/media server/all-in-one PC
- Add RS232 serial ports to slimline POS systems

Features

- Four high speed RS232 serial ports with data transfer rates up to 921.6 Kbps
- High Performance 16650 UART
- Includes 4x 30cm IDC to DB9 serial cables
- 256-byte deep FIFO per transmitter and receiver
- Native single-chip, single lane PCI Express
- In-band software flow control, using programmable Xon/Xoff in both directions
- Automated out-of-band hardware flow control using RTS/CTS
- Compliant with PCI Express base specifications revision 1.1

Technical Specifications

Warranty	Lifetime
Bus Type	Mini PCI Express
Card Type	Embedded
Chipset ID	ASIX/MosChip - MCS9904CV-AA
Industry Standards	PCI Express Base Specification, Revision 1.1
Interface	Serial
Port Style	Dongle (Included)
Ports	4
Data Bits	5, 6, 7, 8
FIFO	256 Bytes
Flow Control	None, Xon/Xoff, RTS/CTS
Max Baud Rate	921.6 Kbps
Parity	None, Odd, Even, Space, Mark
Serial Protocol	RS-232
Stop Bits	1, 1.5, 2
Connector Type(s)	1 - Mini PCI Express x1 (52 pin) Male
External Ports	4 - DB-9 (9 pin; D-Sub) Male
OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012 Mac OS X® 10.10 Linux 3.5.x to 4.4.x *LTS Versions Only*
Humidity	5~95% RH
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Color	Green
Product Height	1.2 in [30 mm]
Product Length	2 in [51 mm]
Product Weight	5.3 oz [150 g]
Product Width	0.4 in [10 mm]
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - 4 Port Mini-PCIe Serial Card
Included in Package	4 - DB9 ribbon cable
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility