

## 1S1P Mini PCI Express Serial Parallel Combo Adapter Card w/ 16950 UART

StarTech ID: PEX1S1PMINI



This Mini PCI Express 1S1P (PCI Express Serial/PCI Express Parallel) adapter card turns a mini PCIe slot into one RS232 (DB9) serial port and one Parallel port.

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

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

Compatible with a broad range of operating systems including Windows 2000/XP/2003/Vista, Linux Kernel 2.6.11 and up, and MAC OS 10.4, the mini-PCI Express Serial/Parallel Card also features an optional low profile bracket that allows the card to be installed in virtually any computer case, regardless of the case form factor.

The mini PCIe Parallel/Serial card offers a cost-saving solution for adding legacy serial and parallel support for embedded systems that aren't normally compatible.

Designed and constructed to provide long-lasting durability and reliability, the mini-PCI Express Parallel/Serial card is backed by our Lifetime Warranty and free lifetime technical support.

## Applications and Solutions

- Embedded and Slimline POS system requiring serial and parallel communications
- Industrial applications with embedded system
- Micro system requiring serial an parallel ports

## Features

- 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
- Compliant with PCI Express base specifications revision 1.1a
- Driver support for Windows 2000, XP, Vista & Linux
- High Performance Dual Channel Oxford 16950 UART
- IEEE 1284-compliant SPP/EPP/ECP
- Native single-Chip, single lane PCI Express
- One high speed RS-232 serial port with data transfer rate up to 460.8 Kbps

## Technical Specifications

- Bus Type: mini PCI Express
- Chipset ID: Oxford OXPCle952
- External Ports: 1 - DB 9-pin Serial Male
- External Ports: 1 - DB 25-pin Parallel Female
- Product Height: 0.24 in [6 mm]
- Humidity: 5 to 85% RH
- Product Length: 1.97 in [50 mm]
- Number of Ports: 1
- Operating Temperature: -40°C to 85°C (-40°F to 185°F)
- Carton Quantity: 50
- Storage Temperature: -20°C to 85°C (-4°F to 185°F)
- Shipping (Package) Weight: 0.33 lb [0.15 kg]
- Product Weight: 0.22 oz [6.2 g]
- Microsoft WHQL Certified: Yes
- Product Width: 1.18 in [30 mm]