

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

StarTech ID: PEX1S1PMINI



The PEX1S1PMINI 1S1P Mini PCI Express Serial Parallel Card w/ 16950 UART turns a mini PCIe slot into 1 RS232 (DB9) Serial port and 1 Parallel port.

A native PCI Express single chip design allows you to take advantage of full PCI Express capability, providing improved speed and reliability while reducing the CPU load by as much as 48% over conventional bridge chip cards.

Compatible with a broad range of operating systems including Windows®, Linux, and Mac OS, the mini-PCI Express Serial/Parallel Card can be installed into almost any system.

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

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

Applications

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

Features

- 1 high speed RS-232 serial port with data transfer rate up to 460.8 Kbps
- 1 IEEE 1284-compliant SPP/EPP/ECP parallel port
- 128-byte deep FIFO per transmitter and receiver
- 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
- High Performance Dual Channel Oxford 16950 UART
- Native single-Chip, single lane PCI Express

Technical Specifications

| | |
|----------------------------|--|
| Warranty | Lifetime |
| Ports | 1 |
| Bus Type | mini PCI Express |
| Card Type | Embedded |
| Industry Standards | PCI Express 1.1, PCI Power Management 1.2 |
| Chipset ID | PLX/Oxford - OXPCIe952 |
| Connector Type(s) | 1 - Mini PCI Express x1 (52 pin) Male |
| External Ports | 1 - DB-25 (25 pin; D-Sub) Female |
| External Ports | 1 - DB-9 (9 pin; D-Sub) Male |
| Maximum Data Transfer Rate | 460.8 Kbps |
| Serial Protocol | RS-232 |
| Data Bits | 5, 6, 7, 8, 9 |
| FIFO | 128 Byte |
| OS Compatibility | Windows® 7 (32/64bit)/ Vista(32/64)/ XP(32/64)/ 2000, and Linux Windows® XP Embedded/ CE 4.2/ CE 5.0/ CE6.0 |
| Microsoft WHQL Certified | Yes |
| Cable Length | 9.1 in [230 mm] |
| Product Length | 2 in [50 mm] |
| Product Width | 1.2 in [30 mm] |
| Product Height | 0.2 in [6 mm] |
| Product Weight | 0.2 oz [6.2 g] |
| Operating Temperature | -405/9/2012eg;C to 855/9/2012eg;C (-405/9/2012eg;F to 1855/9/2012eg;F) |
| Storage Temperature | -205/9/2012eg;C to 855/9/2012eg;C (-45/9/2012eg;F to 1855/9/2012eg;F) |
| Humidity | 5 to 85% RH |
| Shipping (Package) Weight | 0.5 lb [0.2 kg] |
| Included in Package | 1 - Mini-PCIe Controller Board |
| Included in Package | 1 - DB25 to board adapter |
| Included in Package | 1 - DB9 to board adapter |
| Included in Package | 1 - Driver CD |
| Included in Package | 1 - Instruction Manual |

Certifications, Reports and Compatibility

