

1S1P Mini PCI Express Serial Parallel Card with 16950 UART

PEX1S1PMINI



*actual product may vary from photos

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

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Introduction

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.

Packaging Contents

- 1 x Mini PCI Express Serial/Parallel adapter card
- 1 x DB25 to board adapter
- 1 x DB9 to board adapter
- 1 x DB25 and DB9 bracket
- 1 x DB25 bracket
- 1 x DB9 bracket
- 1 x Driver CD
- 1 x Instruction Manual

System Requirements

- Mini PCI Express enabled computer system
- Microsoft® Windows® 2000/ XP/ Vista/ 7 (32/64-bit), or Windows® XP Embedded, or Windows CE 4.2/ 5.0/ 6.0, or Linux

Installation

Hardware Installation

1. Connect both of the adapter cables in the respective header connectors on the Mini PCI Express adapter card.
2. Line up and install the Mini PCI Express adapter card with the Mini PCI Express slot on the motherboard. Match up the gap in the card connector, with the notch in the slot.
3. Press the Mini PCI Express adapter card back against the motherboard, and snap the top edge of the card into the Mini PCI Express card retention clip on the motherboard.

Driver Installation

Windows 2000/ XP/ Server 2003

1. When the Found New Hardware wizard appears on the screen, insert the Driver CD into your CD-ROM drive. If you are prompted to connect to Windows Update, please select the "No, not this time" option and click Next.
2. Select the option "Install Drivers Automatically (Recommended)" and then click the Next button.
3. Windows should now start searching for the drivers. Once this has completed, click the Finish button.

Windows Vista/ 7

1. When the Found New Hardware window appears on the screen, click on the "Locate and install drivers software (recommended)" option. If prompted to search online, select the "Don't search online" option.
2. When prompted to insert the disc, insert the Driver CD that came with the card, into your CD-ROM drive and Windows will automatically proceed to search the CD.
3. If a Windows Security dialog window appears, click the "Install this driver software anyway" option to proceed.
4. Once the driver is installed, click the Close button.

Verifying the Installation

From the main desktop, right-click on "My Computer" ("Computer" in Vista), then select Manage. In the new Computer Management window, select Device Manager from the left window panel.

Double-click on the "Ports (COM & LPT)" option. The appropriate number of additional COM ports and parallel ports (LPT) should be visible. The port(s) are ready to connect to new devices.

Specifications

| | |
|-------------------------------------|--|
| Host Interface | PCI Express rev 1.1 (3.3V) |
| External Connectors | 1 x DB25 female 1 x DB9 male |
| Internal Connectors | 2x5-pin header (serial) 2x13-pin header (parallel) |
| Chipset | Oxford OXPCLe952 |
| UART | 16C950 |
| Operating Modes | Serial: RS-232 Parallel: SPP/EPP/ECP - IEEE1284 |
| Dimensions | 50.0mm x 30.0mm |
| Compatible Operating Systems | Windows® 7 (32/64bit)/ Vista(32/64)/ XP(32/64)/ 2000, and Linux Windows® XP Embedded/ CE 4.2/ CE 5.0/ CE6.0 |

Technical Support

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Warranty Information

This product is backed by a lifetime warranty.

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