

# PCI Express Parallel Card

PEX1P  
PEX1PLP

Instruction Manual



\*PEX1P shown

## **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 StarTech.com 1-Port PCI Express to Parallel Adapter Card adds an SPP/EPP/ECP compatible parallel port to any PCI Express enabled PC. Installed into an x1 PCI Express (PCIe) slot and allowing for connections to EPP/ECP parallel peripherals, the PCIe native, single-chip design ensures maximum performance and reliability. Featuring a single DB25 parallel port, perfect for connecting printers, scanners and more and backed by StarTech.com's two year warranty and free lifetime technical support.

## Features

- Maximum data transfer rate of 1.5 Mbps
- PCI 2.2 and PCI Power Management 1.0 compliant
- SPP/EPP/ECP Parallel port fully supports existing Centronics interface
- Low Profile compatible for small-form factor PCs (PEX1PLP only)

## Package Contents

- 1 x PCI Express Parallel Card
- 1 x Full-Profile Bracket (PEX1PLP only - Low Profile bracket attached)
- 1 x Low-Profile Bracket (PEX1P only - Full Profile bracket attached)
- 1 x Instruction Manual
- 1 x Driver CD

## System Requirements

- PCI Express enabled computer system with available slot
- Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7, or DOS, or Linux®

# Installation

**WARNING!** PCI Express cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the card by its edges and not the gold connectors.

## Hardware Installation

1. Turn your computer off and any peripherals connected to the computer (i.e. Printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer and disconnect all peripheral devices.
2. Remove the cover from the computer case. See documentation for your computer system for details.
3. Locate an open PCI Express slot and remove the metal cover plate on the rear of the computer case (Refer to documentation for your computer system for details.). Note that this card will work in PCI Express slots of additional lanes (i.e. x4, x8 or x16 slots).

**NOTE:** If using the PEX1PLP and installing into a full profile computer case, use a screw driver to remove the screws holding the low profile bracket to the card and replace with the included full profile bracket.

4. Insert the card into the open PCI Express slot and fasten the bracket to the rear of the case.
5. Place the cover back onto the computer case.
6. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

## Software Installation

### Windows 2000/XP/Server 2003

1. When the Found New Hardware wizard appears on the screen, insert the Driver CD into your CD/DVD 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.

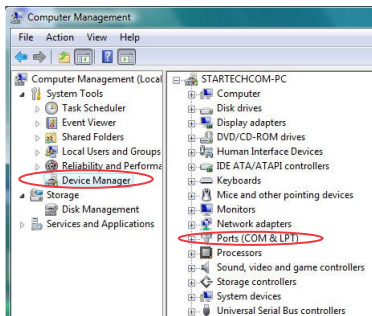
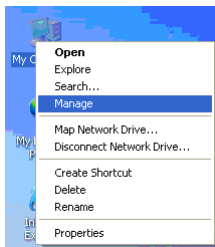
### Windows Vista/Server 2008 R2/7

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/DVD 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 Installation

### Windows 2000/XP/Server 2003/Vista/Server 2008 R2/7

From the main desktop, right-click on “My Computer” (“Computer” in Vista/7), 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. A new ‘PCI Express Parallel Port’ should be visible. The port is ready to connect to new devices.

# Specifications

	<b>PEX1P PEX1PLP</b>
<b>Bus Interface</b>	PCI Express rev 1.1 (x1 slot connector)
<b>Form Factor</b>	Full, Low (PEX1PLP only) Profile
<b>Chipset ID</b>	PLX OXPCle952
<b>Connectors</b>	1 x DB25 female
<b>Supported Standards</b>	IEEE1284: SPP/ECP/EPP
<b>Maximum Data Transfer Rate</b>	Up to 1.5 Mbps
<b>Operating Temperature</b>	0°C ~ 50°C (32°F ~ 122°F)
<b>Storage Temperature</b>	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Humidity</b>	5% ~ 85% RH
<b>Dimensions</b>	<b>PEX1P:</b> 120.0mm x 110.0mm x 21.0mm <b>PEX1PLP:</b> 80.0mm x 110.0mm x 21.0mm
<b>Weight</b>	<b>PEX1P:</b> 65g <b>PEX1PLP:</b> 55g
<b>Compatible Operating Systems</b>	Windows 2000/XP/Server 2003/ Vista/Server 2008 R2/7, DOS, Linux



## Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit [www.startech.com/support](http://www.startech.com/support) and access our comprehensive selection of online tools, documentation, and downloads.

## Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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