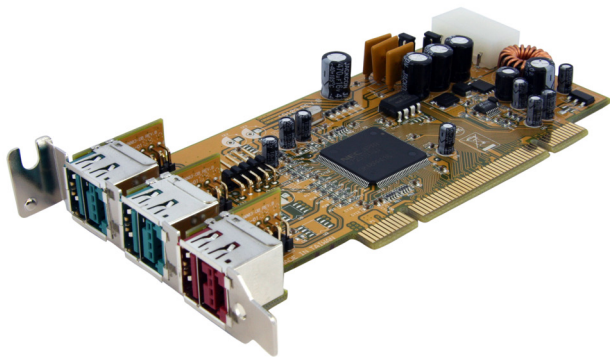# StarTech.com

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2 Port 12V 1 Port 24V Dual Profile PCI Powered USB Card

PCI1224PUSB

*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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Table of Contents

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Introduction

Packaging Contents

- PCI1224PUSB adapter card
- SATA power to LP4 molex adapter cable
- Instruction Manual

System Requirements

- Available PCI expansion slot
- Microsoft Windows® 98SE/ME/2000/XP/Server 2003/Vista, Mac OS X

Installation

Hardware Installation

1. Turn your computer off and any peripherals connected to the computer (ie. Printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer.

2. Remove the cover from the computer case.

3. Locate an open PCI or PCI-X slot and remove the metal cover plate on the rear of the computer case.

4. Insert the card into the open PCI or PCI-X slot and screw the bracket to the rear of the case.

5. **Optional:** The card features a 9-pin IDC header for adding two additional USB ports. If your computer system has additional USB ports, connect the IDC header cable from those ports to the connector on the card. An additional 2-port daughter board can also be added to another expansion slot (StarTech.com ID: PUSBADAP).
   NOTE: Make sure to observe the pinout and connect accordingly, as incorrectly connecting the cable can result in damage to the adapter card, motherboard and/ or USB devices.

6. Place the cover back onto the computer.

7. Insert the power cable into the socket on the power supply.

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Driver Installation

Windows 98SE/ME

1. Download the latest Windows 98SE/ME drivers from the StarTech.com website (www.startech.com) and extract them.

2. After the hardware installation, once you boot into Windows, it will detect the card and launch the Add New Hardware.

3. Select the Specify the location of the driver (Advanced) option then click "Next" to continue the setup.

4. Select "Search for the best driver for your device (Recommended)" from the dialog box and check the "Specify location" search option. Click the Browse button and select the location where the drivers were downloaded/extracted. Click "Next" to continue the setup.

5. Once Windows locates the drivers, press "Next" to continue the setup. Once complete, press "Finish" and then reboot the computer.

Windows 2000/XP/Server 2003/Vista, Mac OS X

No driver installation is required for these operating systems, as this USB adapter card is natively supported, so the drivers are already installed. To make sure the newest drivers are installed, ensure that the operating system is up-to-date.

Configuration

JP1 Jumper: +5V power source

+5V power is drawn from the PCI slot.

+5V power is drawn from the LP4 molex connector. More power can be provided this way.

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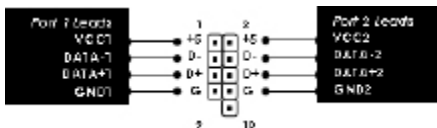
JP2 Jumper: +12V power source

   +12V power is drawn from the PCI slot.

   +12V power is drawn from the LP4 molex connector. More power can be provided this way.

9-pin IDC Male Header Pinout

Specifications

Bus Interface	PCI rev 2.2 (3.3/5V)
USB Specification	USB 2.0 (EHCI/OHCI)
External Connectors	2 x 12V keyed PoweredUSB
	1 x 24V keyed PoweredUSB
Internal Connectors	1 x LP4 molex power
	1 x 9-pin IDC header
Chipset	NEC UPD720101GJ
Maximum Data Transfer Rate	480Mbps
Compatible Operating Systems	Windows 98SE/ME/2000/XP/Server 2003/Vista, Mac OS X

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Technical Support

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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a lifetime 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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