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4 Port PCI Express SuperSpeed USB 3.0 Card

PEXUSB3S4V



*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 PEXUSB3S4V 4-Port PCI Express SuperSpeed USB 3.0 Card (with SATA Power) adds 4 external USB 3.0 ports to any PCI Express-enabled computer system. SuperSpeed USB 3.0 provides up to 5 Gbps of data bandwidth, while still being backward compatible with existing USB 2.0 devices at 480Mbps. Using a "stacked" port layout that places the ports one on top of the other, more ports are able to fit into a smaller space. This allows for all four USB 3.0 ports to be external facing, while still allowing the 4 port USB 3.0 card to fit into a small form factor/low profile computer system. With a built-in SATA power connector, each USB port can provide up to 900mA of power to USB 3.0 devices (500mA for USB 2.0) by connecting to your computer power supply. This USB 3.0 PCIe card is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Packaging Contents

- 1x PCI Express USB 3.0 Card
- 1x Low Profile Bracket
- 1x Driver CD
- 1x Instruction Manual

System Requirements

- PCI Express enabled computer system with available PCI Express slot
- Available SATA power connector from the computer power supply
- Microsoft® Windows® XP/ Server 2003/ Server 2008 R2/ Vista/ 7/ 8 (32/64-bit)

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 PCI Express 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 PCI Express 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).
4. Insert the card into the open PCI Express slot and fasten the bracket to the rear of the case.

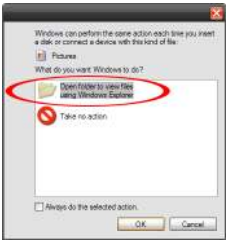
NOTE: If installing the card into a small form factor/low profile system, replacing the pre-installed full profile bracket with the included low profile installation bracket may be necessary.

OPTIONAL: Connect a 15-pin SATA power connector from the computer's power supply to the SATA power connector on the card. This is only required if using the ports with bus-powered USB devices (no external power adapter) or if experiencing connectivity issues.

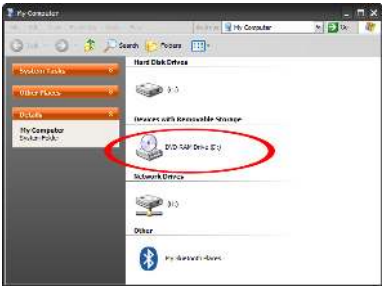
5. Place the cover back onto the computer case.
6. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

Driver Installation

1. Once the computer has started and the operating system is fully loaded, insert the provided Driver CD into the computer's CD/DVD drive.
2. AutoPlay should give you the option to browse the files on the CD or automatically open the CD.



3. If AutoPlay does not start, Go into "My Computer" and access the CD/DVD drive that the CD is in.

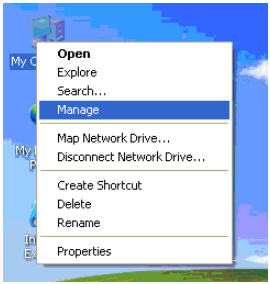


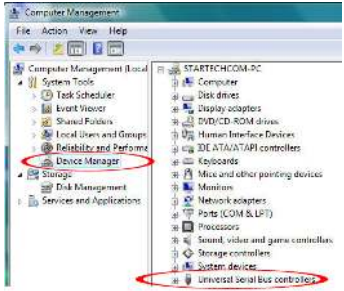
4. Run the "setup.exe" file. Follow the onscreen instructions to complete the driver installation.

Verifying Installation

Windows XP/Server 2003/Vista/7/8

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.





In the Device Manager, under the Universal Serial Bus Controllers category, you should see the new entries for the USB 3.0 controller card.

Specifications

Host Interface	PCI Express 2.0 (x1 slot connector) SuperSpeed USB 3.0
Number of Ports	4
Form Factor	Full/Low Profile
Chipset ID	NEC uPD720201
External Connectors	4 x USB 3.0 type A female
Internal Connectors	1 x 15-pin SATA Power male
Maximum Data Transfer Rate	USB 3.0: 5 Gbps
Operating Temperature	5°C~50°C (41°F~122°F)
Storage Temperature	-25°C~70°C (-13°F~158°F)
Humidity	20%~80% RH
Dimensions	75.0mm x 68.0mm x 19.0mm
Weight	45g
Compatible Operating Systems	Windows XP/ Server 2003/ Server 2008 R2/ Vista/ 7/ 8 (32/64-bit)

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** and access our comprehensive selection of online tools, documentation, and downloads.

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