

## 2 Port PCI Express SuperSpeed USB 3.0 Card

PEXUSB3S2



\*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

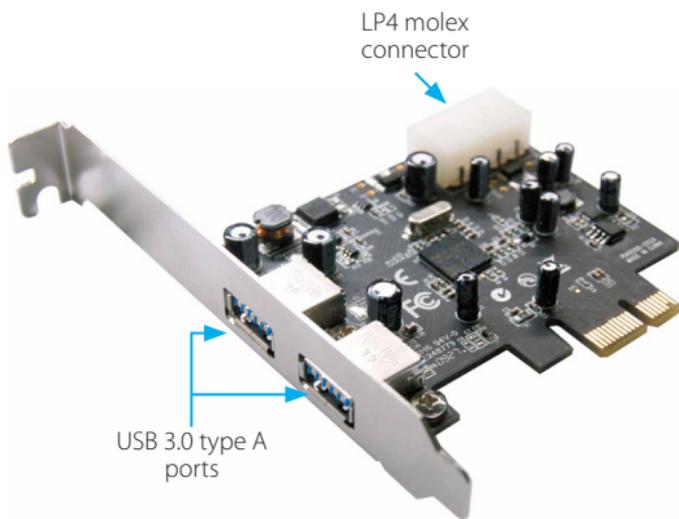
10x faster than that of USB 2.0, this SuperSpeed USB 3.0 adapter card enables you to access your data and transfer files much faster than USB 2.0! The new USB 3.0 standard supports transfer rates of up to 5 Gbps, while still providing connectivity and support for the older USB 2.0 (480 Mbps) and 1.1 (12 Mbps) devices. In addition to providing a much faster transfer rate the PEXUSB3S2 USB 3.0 card also supplies 900 mA of power per USB port, allowing for more external devices to operate without the need of an external power source.

## Packaging Contents

- 1 x PCI Express USB 3.0 card
- 1 x LP4 Molex to SATA Adapter
- 1 x Low Profile bracket
- 1 x Driver CD
- 1 x Instruction Manual

## System Requirements

- PCI Express enabled computer system and available slot
- Microsoft® Windows® XP/ Server 2003/ Vista / Server 2008 R2/ 7(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.
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. Note that this card will work in PCI Express slots of additional lanes (i.e. x4, x8 or x16 slots).

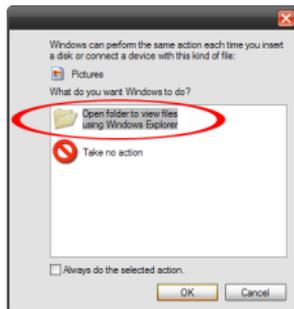
**NOTE:** If installing the card into a small form factor/low profile system, replacing the pre-installed full profile bracket with the included low profile installation bracket may be necessary.

4. Insert the card into the open PCI Express slot and fasten the bracket to the rear of the case, per your computer's documentation.
5. **OPTIONAL:** Connect an LP4 molex power connector from the computer's power supply to the LP4 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.
6. Place the cover back onto the computer case.
7. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

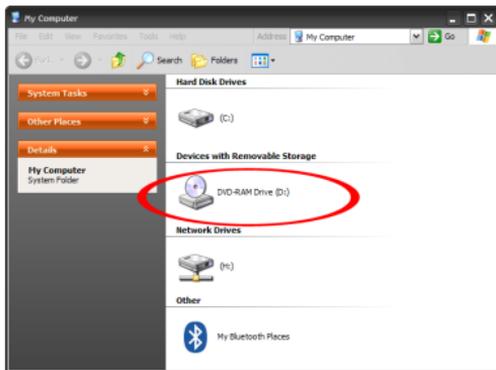
# Driver Installation

## Windows XP/Server 2003/Vista/7

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. Autorun should give you the option to browse the files on the CD or automatically open the CD.



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

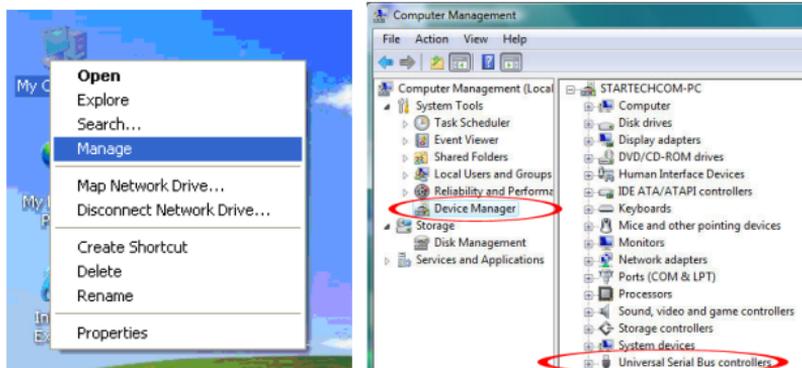


4. Run the "setup.exe" file located in "PCIe USB 3.0 2Port Card (PEXUSB352)". Follow the on screen instructions to complete the driver installation.

# Verifying Installation

## Windows XP/Server 2003/Vista/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.



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

<b>Number of Ports</b>	2
<b>Host Interface</b>	PCI Express 2.0 (x1 slot connector)
<b>Form Factor</b>	Full/Low Profile
<b>Chipset ID</b>	NEC uPD720200
<b>External Connectors</b>	2 x USB 3.0 type A female
<b>Internal Connectors</b>	1 x LP4 Molex power male
<b>Standards</b>	USB 3.0 rev. 1.0 Intel xHCI rev. 0.95
<b>Maximum Data Transfer Rate</b>	USB 3.0: 5 Gbps
<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>	0% ~ 80% RH
<b>Compatible Operating Systems</b>	Windows XP/ Server 2003/ Vista/ Server 2008 R2/ 7 (32/64-bit)

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