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7 Port PCI Express Low Profile High Speed USB 2.0 Adapter Card

PEXUSB7LP

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Manual Revision: 03/10/2011

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 7-Port PCI Express to USB 2.0 Adapter Card adds an additional 6 external and 1 internal USB 2.0 ports to any PCI Express compatible computer system. Designed for versatility and performance with support for high speed USB 2.0 data transfer rates of up to 480 Mbps, this low profile USB card also includes a standard profile (full height) bracket for installation in full form factor cases.

Packaging Contents

- 1 x PEXUSB7LP card
- 1 x Full Height bracket
- 1 x Driver Installation CD
- 1 x Instruction Manual

System Requirements

- PCI Express enabled computer system with available slot
- Microsoft® Windows® XP/Server 2003/Vista/Server 2008 R2/7 (32/64-bit) or Linux®

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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. If using a case that fits full height cards, remove the low profile bracket (held by small screws) from the card and replace with the included full height bracket.
5. To use the internal 5-pin IDC USB header, connect an internal USB peripheral (i.e. front mounted USB ports, internal card readers, etc) directly to the IDC header, or use an adapter cable to convert it to an external USB type A connector (StarTech.com ID: USBMBADAPT).
6. Connect an SP4 floppy power connector from the computer power supply to the connector on the card.
7. Place the cover back onto the computer case.
8. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.

NOTE: Due to the stacked nature of the external USB ports, using USB cables with large connectors may interfere with adjacent ports.

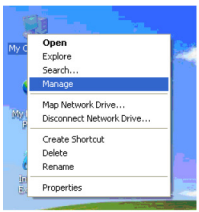
Driver Installation

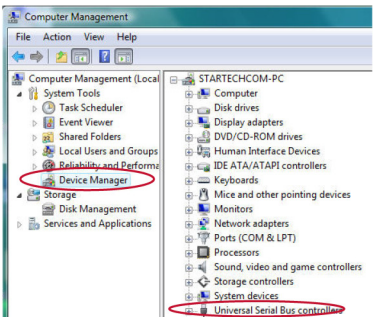
Windows XP/Server 2003/Vista/Server 2008 R2/7

No driver installation is required for these operating systems, as this USB card is natively supported, so the drivers are already installed.

Verifying Installation

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.





Under the "Universal Serial Bus Controllers" category, new "VIA" host controller devices should now be listed.

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Specifications

Bus Interface	PCI Express rev 1.1 (x1 connector)
Chipset ID	VIA VT6212L
External Connectors*	6 x USB type A
Internal Connectors	1 x 5-pin IDC USB header 1 x SP4 floppy power
Maximum Data Transfer Rate	USB 2.0: 480Mbps
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Humidity	5 ~ 95% RH
Compatible Operating Systems	Windows XP/Server 2003/Vista/ Server 2008 R2/7 (32/64-bit), Linux

* the three external USB ports closest to the bottom of the card (closest to PCIe connector) each use independant data channels. The other external USB ports and the internal header all share a single data channel

Technical Support

StarTech.com's lifetime technical support is an integral part of our commit-ment 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.

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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