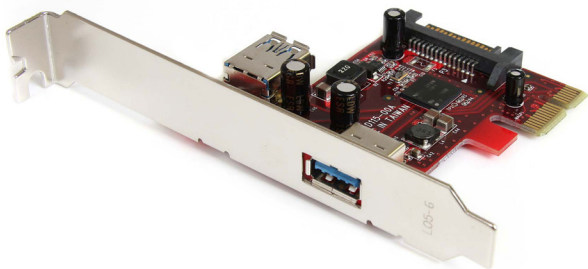


2 port PCI Express SuperSpeed USB 3.0 Card - 1 Internal and 1 External



Actual product may vary from photos

User Manual

SKU#: PEXUSB3S11LP

For the latest information and specifications visit
www.startech.com/PEXUSB3S11LP

Compliance Statements

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

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

This manual may make reference to trademarks, registered trademarks, and other protected names and/or symbols of third-party companies not related in any way to StarTech.com. Where they occur these references are for illustrative purposes only and do not represent an endorsement of a product or service by StarTech.com, or an endorsement of the product(s) to which this manual applies by the third-party company in question. Regardless of any direct acknowledgement elsewhere in the body of this document, StarTech.com hereby acknowledges that all trademarks, registered trademarks, service marks, and other protected names and/or symbols contained in this manual and related documents are the property of their respective holders.

Safety Statements

Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Cables (including power and charging cables) should be placed and routed to avoid creating electric, tripping or safety hazards.

Mesures de sécurité

- Les terminaisons de câblage ne doivent pas être effectuées lorsque le produit et/ou les câbles électriques sont sous tension.
- Les câbles (y compris les câbles d'alimentation et de chargement) doivent être placés et acheminés de façon à éviter tout risque électrique, de chute ou de sécurité

安全対策

- 電源が入っている状態の製品または電線の終端処理を行わないでください。
- ケーブル(電源ケーブルと充電ケーブルを含む)は、適切な配置と引き回しを行い、電気障害やつまづきの危険性など、安全上のリスクを回避するようにしてください。

Misure di sicurezza

- I terminali dei fili elettrici non devono essere realizzate con il prodotto e/o le linee elettriche sotto tensione.
- I cavi (inclusi i cavi di alimentazione e di ricarica) devono essere posizionati e stesi in modo da evitare pericoli di inciampo, rischi di scosse elettriche o pericoli per la sicurezza.

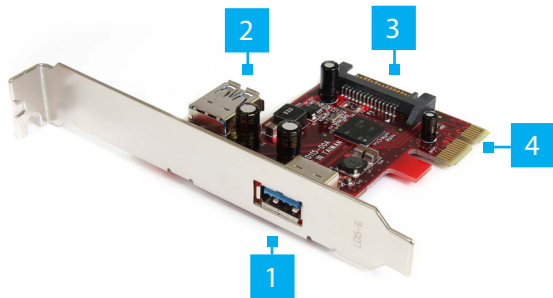
Säkerhetsåtgärder

- Montering av kabelavslutningar får inte göras när produkten och/eller elledningarna är strömförda.
- Kablar (inklusive elkablar och laddningskablar) ska dras och placeras på så sätt att risk för snubblingsolyckor och andra olyckor kan undvikas.

Table of Contents

| | |
|------------------------------------|----------|
| Compliance Statements | 1 |
| Safety Statements | 2 |
| Product Diagram | 4 |
| Product Information..... | 5 |
| Packaging Contents | 5 |
| System Requirements..... | 5 |
| Installation | 6 |
| Hardware Installation | 6 |
| Driver Installation..... | 7 |
| Verifying Installation..... | 8 |
| Specifications | 9 |

Product Diagram



| | |
|----------|------------------------------|
| 1 | <i>USB 3.0 Type A Port</i> |
| 2 | <i>USB 3.0 Type A Port</i> |
| 3 | <i>SATA Power Connector</i> |
| 4 | <i>PCI Express Connector</i> |

Product Information

The USB 3.0 Card supports transfer rates of up to 5Gbps, while still providing connectivity and support for the older USB 2.0 (480Mbps) and 1.1 (12Mbps) devices.

The USB 3.0 card can supply up to 900mA of power per USB port, without the need of an external power source.

Packaging Contents

- PCI Express USB 3.0 card x 1
- Low Profile bracket x 1
- Driver Installation CD x 1
- User Manual x 1

System Requirements

Host Computer

- PCI Express enabled computer system

Operating System

- Microsoft® Windows® XP, Vista or 7 / Server 2003, Server 2008 R2

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 the **Host Computer** off and any peripherals connected to the computer (i.e. Printers, external hard drives, etc.).
2. Unplug the **Power Cable** from the rear of the **Power Supply** on the back of the **Host Computer** and disconnect all peripheral devices.
3. Remove the **Cover** from the **Host Computer**. See documentation for your computer system for details.
4. Locate an open **PCI Express Slot** and remove the **Metal Cover Plate** on the rear of the **Host Computer Case** (Refer to documentation for your computer system for details.).

Note: *that this card will work in **PCI Express Slots** with additional lanes (i.e. x4, x8 or x16 slots).*

5. Insert the **PCI Express Connector** on the **PCI Express Card** in an open **PCI Express Slot** and fasten the **Bracket** to the rear of the case.

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

6. (Optional): Connect an **LP4 Power Connector** from the **Host Computer's Power Supply** to the **SATA Power Connector** on the **PCI Express Card**. This is only required if using the ports with bus-powered USB devices (no external power adapter) or if experiencing connectivity issues.
7. Place the **Cover** back onto the **Host Computer Case**.
8. Insert the **Power Cable** into the socket on the **Power Supply** and reconnect all other connectors removed in Step 1.

Driver Installation

Windows XP, Vista, or 7 / Server 2003

1. Once the computer has started and the operating system is fully loaded, insert the provided **Driver CD** into the **Host 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 **USB3.0 Host \ NEC**. Follow the onscreen instructions to complete the driver installation.

Verifying Installation

Windows XP, Vista, or 7 / Server 2003

1. From the main desktop, right-click on **My Computer** (**Computer** in Vista/7), then select **Manage**.
2. In the new **Computer Management** window, select **Device Manager** from the left window panel.
3. 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

| | |
|-------------------------------------|--|
| Number of Ports | 2 (1 internal and 1 external) |
| Host Interface | PCI Express 2.0 (x1 slot connector) |
| Form Factor | Full/Low Profile |
| Chipset ID | Renesas / NEC - uDP720202 |
| External Connectors | 1 x USB 3.0 type A female |
| Internal Connectors | 1 x USB 3.0 type A female 1 x 15-pin SATA Power male |
| Maximum Data Transfer Rate | USB 3.0: 5 Gbps |
| Operating Temperature | 0°C ~ 50°C (32°F ~ 122°F) |
| Storage Temperature | -20°C ~ 60°C (-4°F ~ 140°F) |
| Humidity | 0% ~ 85% RH |
| Dimensions | 121.0mm x 76.0mm x 19.0mm |
| Weight | 40g |
| Compatible Operating Systems | Windows XP, Vista, or 7 / Server 2003 or Server 2008 R2 |

Warranty Information

This product is backed by a lifetime warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product.

Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

Hard-to-find made easy. At StarTech.com, that isn't a slogan. It's a promise.

StarTech.com is your one-stop source for every connectivity part you need. From the latest technology to legacy products — and all the parts that bridge the old and new — we can help you find the parts that connect your solutions.

We make it easy to locate the parts, and we quickly deliver them wherever they need to go. Just talk to one of our tech advisors or visit our website. You'll be connected to the products you need in no time.

Visit www.startech.com for complete information on all StarTech.com products and to access exclusive resources and time-saving tools.

StarTech.com is an ISO 9001 Registered manufacturer of connectivity and technology parts. StarTech.com was founded in 1985 and has operations in the United States, Canada, the United Kingdom and Taiwan servicing a worldwide market.

Reviews

Share your experiences using StarTech.com products, including product applications and setup, what you love about the products, and areas for improvement.

StarTech.com Ltd.

45 Artisans Cres.
London, Ontario
N5V 5E9
Canada

FR: startech.com/fr
DE: startech.com/de

StarTech.com LLP

2500 Creekside Pkwy.
Lockbourne, Ohio
43137
U.S.A.

ES: startech.com/es
NL: startech.com/nl

StarTech.com Ltd.

Unit B, Pinnacle
15 Gowerton Rd.,
Brackmills
Northampton
NN4 7BW
United Kingdom

IT: startech.com/it
JP: startech.com/jp