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StarTech.com PEXUSB3S44V PCIe USB Card Instruction Manual

Contents

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Introduction

4 Port PCI Express USB 3.0 Card with 4 Dedicated Channels – UASP – SATA/LP4 Power

PEXUSB3S44V

The StarTech.com PEXUSB3S44V PCIe USB Card is a versatile expansion card designed to enhance your computer's connectivity. With four USB 3.0 ports and dedicated channels for optimal performance, it allows you to easily connect a variety of USB devices to your system. Whether you need to add more USB connections to your desktop or server, this card offers compatibility with various operating systems and comes with a two-year warranty for peace of mind. Explore the FAQs above for more details on its features, installation, and support options.

actual product may vary from photos

For the most up-to-date information, please visit: **www.startech.com**

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.

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

Packaging Contents

- 1x 4 Port PCIe USB Card
- 1x Low Profile Bracket
- 1x Driver CD
- 1x Instruction Manual

System Requirements

- Available PCI Express x4 or higher (x8, x16) slot
- A SATA or LP4 power connector (optional, but recommended)
- Windows® Vista, 7, 8, 8.1, 10, Windows Server® 2008 R2, 2012, 2012 R2, Linux 2.6.31 to 4.4.x LTS versions only

Installation

Hardware 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 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 card by its edges and not the gold connectors.

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 x4 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. 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 low profile desktop system, replacing the preinstalled standard profile bracket with the included low profile (half height) installation bracket may be necessary.
5. Connect either an LP4 or a SATA power connection from your system power supply to the card.
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

NOTE: The card should install automatically using native drivers in Windows 8. The following instructions are for any pre-Windows 8 systems.

1. Upon starting Windows, if the Found New Hardware wizard appears on the screen, cancel/close the window and insert the included Driver CD into the computer's CD/DVD drive.
2. The following Autoplay menu should display, click Install Driver. If Autoplay is disabled on your system, browse to your CD/DVD drive and run the Autorun.exe application to start the process.

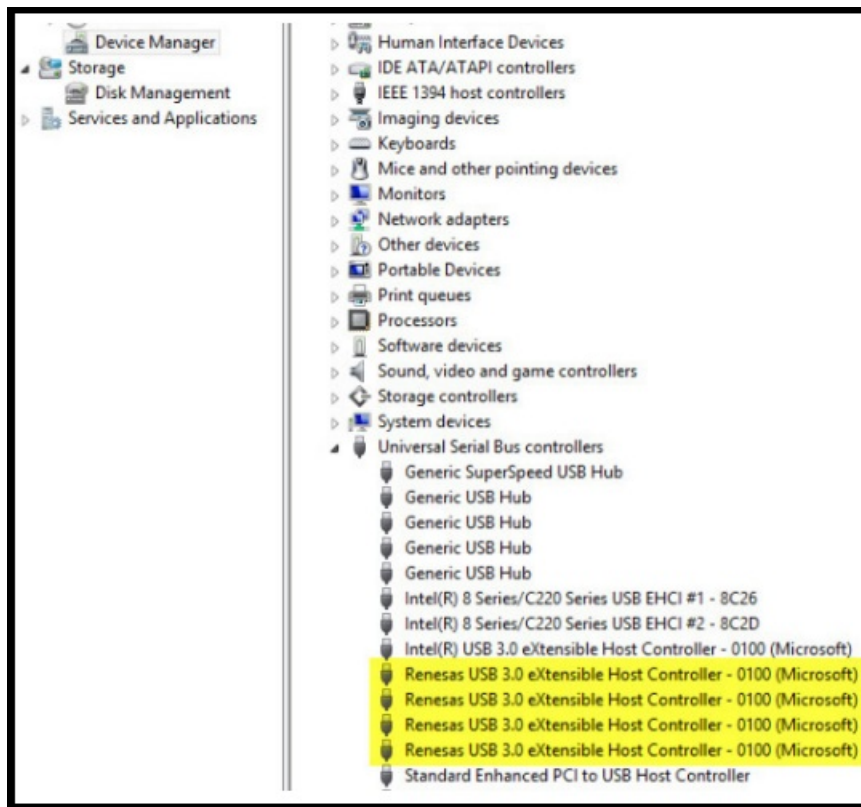3. Select 720201/720202 to start the installation.

4. Follow the on-screen instructions to complete the installation.
   - **NOTE:** You may be prompted to restart once the install completes.

Verifying Installation

Windows

1. Open the Device Manager by right-clicking on Computer, and then select Manage. In the new Computer Management window, select Device Manager from the left window panel (For Windows 8, open the Control Panel and select Device Manager).
2. Expand the "Universal Serial Bus controllers" sections. On a successful install, you should see the following devices in the list with no exclamation points or question marks.

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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Frequently Asked Questions

What is the StarTech.com PEXUSB3S44V PCIe USB Card used for?

The StarTech.com PEXUSB3S44V PCIe USB Card is used to add four USB 3.0 ports to a computer through a PCIe (Peripheral Component Interconnect Express) slot. It provides additional USB connectivity, allowing you to connect USB devices like external hard drives, printers, and more to your computer.

What are the key features of the StarTech.com PEXUSB3S44V PCIe USB Card?

Key features of the StarTech.com PEXUSB3S44V PCIe USB Card encompass its four USB 3.0 ports, each allocated with dedicated channels to ensure optimal performance. Additionally, it supports the USB Attached SCSI Protocol (UASP), enhancing data transfer speeds. Users have the flexibility to power the card using either SATA or LP4 connectors, though the latter is recommended for seamless operation. Moreover, this card offers compatibility with various operating systems, including Windows versions such as Vista, 7, 8, 8.1, 10, as well as Windows Server editions 2008 R2, 2012, and 2012 R2, along with select Linux versions within the 2.6.31 to 4.4.x LTS range.

What comes in the packaging of the StarTech.com PEXUSB3S44V PCIe USB Card?

Upon opening the packaging of the StarTech.com PEXUSB3S44V PCIe USB Card, customers will find a comprehensive set of components. These include the primary item, which is the 4 Port PCIe USB Card itself, accompanied by a Low Profile Bracket designed to accommodate specific system configurations. Additionally, a Driver CD is included to facilitate driver installation, and an Instruction Manual is provided to guide users through the setup and usage of the card.

What are the system requirements for installing the StarTech.com PEXUSB3S44V PCIe USB Card?

The successful installation of the StarTech.com PEXUSB3S44V PCIe USB Card necessitates several key system requirements. First and foremost, users must have an available PCI Express x4 slot or a higher-capacity slot (such as x8 or x16) on their computer's motherboard. While it is optional, it is recommended to have access to either a SATA or LP4 power connector to ensure proper functionality. Lastly, the card is compatible with a range of operating systems, including various Windows versions like Vista, 7, 8, 8.1, and 10, as well as Windows Server editions such as 2008 R2, 2012, and 2012 R2. Furthermore, it supports select Linux distributions within the 2.6.31 to 4.4.x LTS range.

How do I install the StarTech.com PEXUSB3S44V PCIe USB Card?

The installation of the StarTech.com PEXUSB3S44V PCIe USB Card can be accomplished by following a set

of steps. First, ensure that the computer is powered off, and disconnect any peripheral devices connected to it. Proceed to open the computer case and locate an available PCI Express x4 slot. Remove the metal cover plate at the rear of the computer case for the chosen slot. Insert the card into the open PCI Express slot and securely fasten the bracket to the case. If necessary, connect either an LP4 or SATA power connection from your system's power supply to the card. After completing these steps, reassemble the computer case, reconnect the power cable, and reattach any other peripheral devices that were disconnected in the initial steps.

Can I use the StarTech.com PEXUSB3S44V PCIe USB Card in a low-profile desktop computer?

Yes, the StarTech.com PEXUSB3S44V PCIe USB Card can be used in low-profile desktop systems. It includes a Low Profile Bracket, which can replace the preinstalled standard profile bracket if needed to fit into low-profile (half-height) computer cases. This versatility makes it suitable for a wide range of system configurations.

Do I need to connect both the LP4 and SATA power connectors to the card, or is one of them sufficient?

While it's optional to connect either an LP4 or SATA power connector to the card, it is recommended to provide power to the card for optimal functionality. You can choose to use either one, depending on your system's power supply and available connectors. Using one of these power connectors ensures that the card has adequate power for all its functions.

What is UASP (USB Attached SCSI Protocol), and how does it benefit the StarTech.com PEXUSB3S44V PCIe USB Card?

UASP, or USB Attached SCSI Protocol, is a protocol that enhances the performance of USB storage devices, particularly when it comes to data transfer speeds. The StarTech.com PEXUSB3S44V PCIe USB Card supports UASP, which means it can provide faster data transfer rates when used with compatible UASP-enabled USB storage devices. This results in improved overall USB performance, making file transfers and data access more efficient.

Is it possible to install the StarTech.com PEXUSB3S44V PCIe USB Card on Linux, and what versions are supported?

Yes, the StarTech.com PEXUSB3S44V PCIe USB Card is compatible with select Linux versions. It supports Linux kernel versions ranging from 2.6.31 to 4.4.x LTS versions. If you are running a Linux distribution within this kernel range, you should be able to install and use the card with your system.

What is the warranty for the StarTech.com PEXUSB3S44V PCIe USB Card, and what does it cover?

The StarTech.com PEXUSB3S44V PCIe USB Card comes with a two-year warranty. During this warranty period, the product is covered for defects in materials and workmanship. If you encounter any issues related to manufacturing defects, you can return the product for repair or replacement at StarTech.com's discretion. It's important to note that the warranty covers parts and labor costs only and does not extend to defects or damages arising from misuse, abuse, alterations, or normal wear and tear.

Reference: [StarTech.com PEXUSB3S44V PCIe USB Card Instruction Manual-Device.Report](#)