

2-Port USB 3.1 (10Gbps) Card - 1x USB-C, 1x USB-A – PCIe

PEXUSB311A1C

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Packaging contents

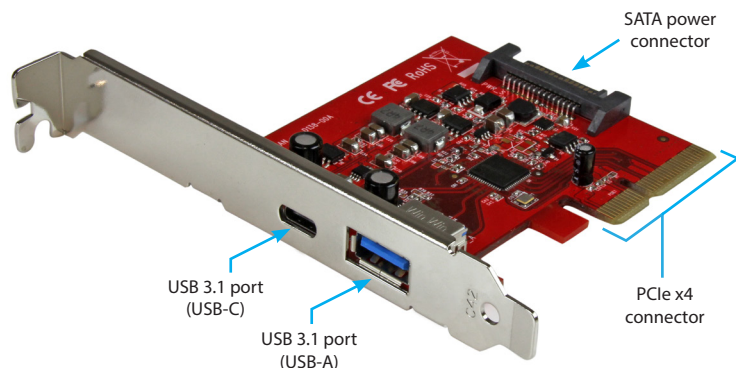
- 1x 2-port USB 3.1 (10Gbps) card
- 1x low-profile bracket
- 1x instruction manual

System requirements

- Computer with an available PCI Express slot (x4, x8, x16)
- 15-pin SATA power connector (optional, but recommended)
- Any of the following operating systems:
 - Windows® 10 (32-bit or 64-bit)
 - Windows 8 / 8.1 (32-bit or 64-bit)
 - Windows 7 (32-bit or 64-bit)
 - Windows Server® 2012, 2008 R2
 - Mac OS® 10.9 and later (tested up to 10.10)
 - Linux® 3.5

Operating system requirements are subject to change. For the latest requirements, please visit www.startech.com/PEXUSB311A1C.

Product Diagram



About USB 3.0, USB 3.1 Gen 1, and USB 3.1 Gen 2

USB 3.0 is also known as USB 3.1 Gen 1. This connectivity standard offers speeds up to 5Gbps.

USB 3.1 Gen 2 offers speeds up to 10Gbps. The PEXUSB311A1C is a USB 3.1 (10Gbps) Gen 2 card.

Installation

Install the USB 3.1 card

WARNING!

PCI Express cards can be severely damaged by static electricity. Make sure that you're properly grounded before you open your computer case or touch your PCI Express card. You should wear an anti-static strap when you install any computer component. If an anti-static strap isn't available, discharge any built-up static electricity by touching a large grounded metal surface for several seconds. Only handle the PCI Express card by its edges and don't touch the gold connectors.

1. Turn off your computer and any devices or peripherals that are connected to it (for example, printers, external hard drives, and so on).
2. Unplug the power cable from the back of your computer.
3. Disconnect any peripheral devices that are connected to your computer.
4. Remove the cover from your computer case. Consult the documentation that came with your computer for details about how to do this safely.
5. Locate an open PCI Express x4 slot (or higher) and remove the corresponding metal cover plate from the back of your computer case. Consult the documentation that came with your computer for details about how to do this safely. This card works in PCI Express x4, x8, or x16 slots.
6. Gently insert the card into the open PCI Express slot and fasten the bracket to the back of the case.

Note: If you install the card into a small form-factor or a low-profile desktop computer, it may be necessary to replace the pre-installed standard-profile bracket with the included low-profile (half-height) installation bracket.

7. (Optional): Connect a 15-pin SATA power connector from your computer's power supply to the card's SATA power connector.
- Note:** It is recommended that you connect SATA power to ensure sufficient power is provided to the card as well as to each USB 3.1 port.
8. Place the cover back onto your computer case.
9. Reconnect the power cable to the back of your computer.
10. Reconnect all of the peripheral devices that you disconnected in step 3.
11. Turn on your computer.

The available bandwidth (10Gbps) is shared equally between the card's two ports (1x USB-C™ and 1x USB-A).

Install the driver on a computer running Windows

Depending on your version of Windows, the driver may install automatically once the card has been installed into your computer's PCI Express slot. However, if it doesn't, you will need to manually install the driver. For more information, see the instructions below.

1. If the **Found New Hardware** dialog box appears on your screen, close the dialog box or click **Cancel**.
2. To download the latest drivers, use a Web browser and navigate to www.startech.com/PEXUSB311A1C.
3. Click the **Support** tab.
4. Download the driver.
5. When the download is complete, extract the contents of the compressed file that you downloaded.
6. Double-click the appropriate driver for the version of Windows that you're running and follow the on-screen instructions to complete the installation.

Note: You may be asked to restart your computer to complete the installation.

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

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)

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