

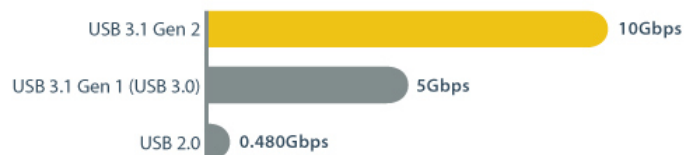
## 2-Port USB 3.1 (10Gbps) Card - 2x USB-C - PCIe

Product ID: PEXUSB312C



Get ready for the future of universal connectivity and high-speed performance. This USB 3.1 card adds two USB-C™ ports to your desktop, with a combined bandwidth up to 10Gbps. With greater bandwidth, you can save time and avoid the performance bottlenecks often associated with other connectivity technologies.

Because the card offers USB Type-C™ ports, you can rest assured your computer is compatible with the growing popularity of USB-C peripherals.



### Work faster, with USB 3.1 performance

By adding 10Gbps USB ports to your computer, you can harness the speed of USB 3.1 Gen 2. You can access peripherals at twice the speed of traditional USB 3.0 devices. (USB 3.0 is also known as USB 3.1 Gen 1.) The card delivers faster file transfer rates, so you can get more work done in less time.

With higher data throughput, this PCI Express USB 3.1 card is a necessity for external hard drives, [hard drive enclosures](#), and many other USB 3.1 peripherals. Plus, the USB card integrates a SATA power connector to support high-powered devices, making it ideal for use with large external storage solutions.

## Help future proof your computer, with USB-C

Because it offers two USB-C ports, this innovative card enables you to connect the growing number of USB Type-C devices today, or in the near future.

USB-C connectors are small, reversible, and easy-to-use. You can reduce frustration and the risk of damage to your ports by connecting the plug with either side facing up, making insertions easier than past USB generations.

The card is backward compatible with USB 3.0 (5Gbps) and USB 2.0 (480mbps) devices. You can add the card now in preparation for future devices, while still connecting your existing USB peripherals using a variety of [USB-C cables and adapters](#).

## Easy to install in different form factors

The PCIe USB-C card comes equipped with a full-profile bracket, but also includes a half-height or low-profile bracket, making it easy to install in full or small form-factor desktops or servers. And, the card offers hassle-free installation, with no additional software or drivers required in many natively supported operating systems.

The PEXUSB312C is backed by a StarTech.com 2-year warranty and free lifetime technical support.

**Note:** The card does not support DP Alt Mode or USB Power Delivery.

**Certificaciones,  
Reportes y  
Compatibilidad**



**Aplicaciones**

- Deploy at home or in the office, and connect the latest USB-C devices, such as HDD enclosures
- Install the card as a vital hardware component when building a PC
- Upgrade an older PCIe based desktop from USB 3.0 or 2.0 to USB 3.1 Gen 2 (10Gbps)
- Ideal for backing up files, video editing, and data recovery using high-bandwidth USB 3.1 Gen 2 external storage solutions

**Características**

- Transfer files and access USB 3.1 devices faster, with up to 10Gbps throughput
- Get set for the future of universal connectivity, by adding two USB-C ports to your computer
- Connect high-powered devices using the integrated ports and onboard SATA power connector
- Works with your existing USB 3.0 (5Gbps) and USB 2.0 (480Mbps) devices, for cost-effective backward compatibility
- Each USB Type-C port delivers up to 3A of power
- Fits into standard or low-profile systems with a dual-profile design
- Fast, hassle-free setup
- PCIe x4 interface compliant with PCI Express Base Specification Revision 3.0
- USB-C ports are Thunderbolt 3 port compatible (10Gbps data only)
- Compliant with UASP (USB Attached SCSI Protocol) Revision 1.0, as well as USB 3.1 Spec 1.0 and 2.0

|                                     |                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hardware</b>                     | Warranty                      | 2 Years                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                     | Bus Type                      | PCI Express                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                     | Card Type                     | Standard Profile (LP bracket incl.)                                                                                                                                                                                                                                                                                                                                                                                     |
|                                     | Chipset ID                    | ASMedia - ASM1142                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                     | Industry Standards            | USB 3.1 Specification Rev. 1.0<br>USB Specification Rev. 2.0<br>PCI Express Base Specification Rev. 3.0<br>Intel xHCI Specification Rev. 1.1<br>UASP (USB Attached SCSI Protocol) Rev. 1.0                                                                                                                                                                                                                              |
|                                     | Interface                     | USB 3.1 Gen 2                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                     | Port Style                    | Integrated on Card                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                     | Ports                         | 2                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Performance</b>                  | Maximum Data Transfer Rate    | 10Gbps                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                     | Type and Rate                 | USB 3.1 Gen 2 - 10 Gbit/s                                                                                                                                                                                                                                                                                                                                                                                               |
|                                     | UASP Support                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Connector(s)</b>                 | Connector Type(s)             | 1 - PCI Express x4 Male                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                     | External Ports                | 2 - USB Type-C (24 pin) USB 3.1 (10Gbps) Female                                                                                                                                                                                                                                                                                                                                                                         |
|                                     | Internal Ports                | 1 - SATA Power (15 pin) Plug                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Software</b>                     | OS Compatibility              | Windows® 7, 8, 8.1, 10<br>Windows Server® 2008 R2, 2012, 2016<br>Mac OS X® 10.9 to 10.10<br>Linux® 3.5 to 4.4.x <i>LTS version only</i>                                                                                                                                                                                                                                                                                 |
| <b>Special Notes / Requirements</b> | <b>Note</b>                   | The card's USB-C ports are standard data throughput port. They do not support DP Alt Mode or USB Power Delivery.<br><br>The maximum throughput of this card is limited by the bus interface. PCI Express Gen 1.0 max throughput is 2.5Gbps. PCI Express Gen 2.0 max throughput is 5Gbps. PCI Express Gen 3.0 max throughput is 10Gbps.<br><br>The available bandwidth (10Gbps) is shared equally between the two ports. |
|                                     | System and Cable Requirements | PCI Express enabled computer or server with a PCI Express x4 slot or higher (x8, x16)<br><br>SATA power connector                                                                                                                                                                                                                                                                                                       |
| <b>Environmental</b>                | Humidity                      | 20~80% RH (Non-condensing)                                                                                                                                                                                                                                                                                                                                                                                              |
|                                     | Operating Temperature         | 5°C to 50°C (41°F to 122°F)                                                                                                                                                                                                                                                                                                                                                                                             |
|                                     | Storage Temperature           | -25°C to 70°C (-13°F to 158°F)                                                                                                                                                                                                                                                                                                                                                                                          |

|                                 |                           |                                             |
|---------------------------------|---------------------------|---------------------------------------------|
| <b>Physical Characteristics</b> | Product Height            | 4.7 in [120 mm]                             |
|                                 | Product Length            | 3.6 in [92 mm]                              |
|                                 | Product Weight            | 1.7 oz [48 g]                               |
|                                 | Product Width             | 0.7 in [18 mm]                              |
| <b>Packaging Information</b>    | Shipping (Package) Weight | 4.1 oz [116 g]                              |
| <b>What's in the Box</b>        | Included in Package       | 1 - 2-port USB 3.1 (10Gbps) card - 2x USB-C |
|                                 |                           | 1 - low-profile bracket                     |
|                                 |                           | 1 - instruction manual                      |

La apariencia y las especificaciones del producto están sujetas a cambios sin previo aviso.