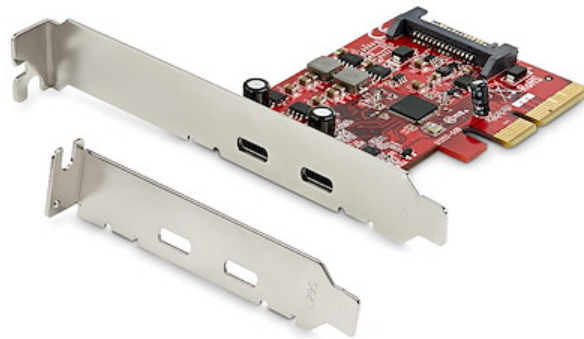


2-Port USB 3.2 Gen 2 PCIe Card, USB-C 10Gbps SuperSpeed PCI Express 3.0 x4 Controller Card, USB Type-C Adapter Card, Data Only, Windows/macOS/Linux, TAA

Product ID: PEXUSB312C3



This PCIe USB 3.2 Gen 2 card installs into an available PCI-Express slot in your computer and enables you to upgrade your current system by adding two USB-C(10Gbps)ports.

Also known as USB 3.1 Gen 2, this USB 3.2 Gen 2 card adds two 10GbpsUSB Type-Cports to your computer.

Utilizing an ASMediaASM3142chipset, this cardharnesses the speed of USB 3.2 Gen 2. With higher data throughput support, this USB 3.2 Gen 2 PCIe expansion card is a necessity for external drives and many other USB 3.2 Gen 2 peripherals and includes anoptional SATA power connector for high power devices.

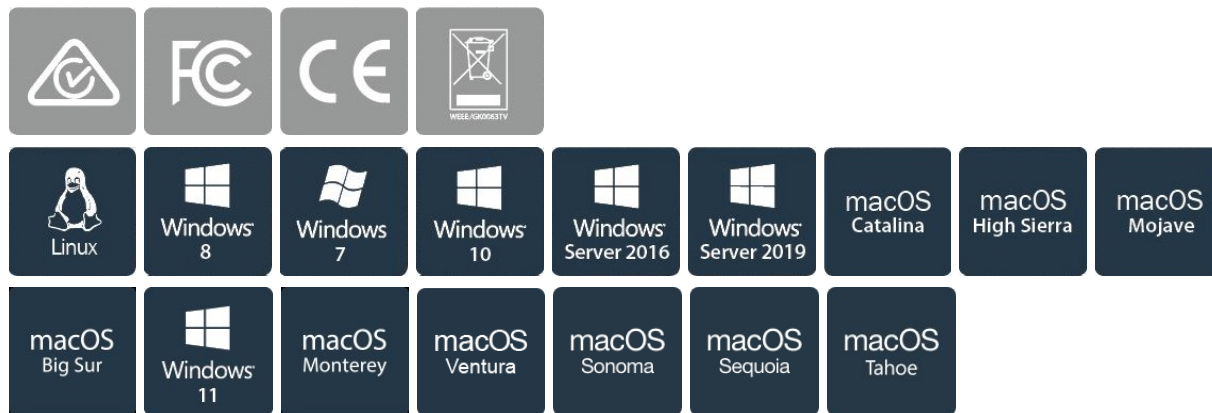
The card is backward compatiblewithUSB 3.2 Gen 1(5Gbps) and USB 2.0 (480mbps) devices. The cardworks with newer USB-C devices, but can easily support your existing USB-Aperipherals using inexpensiveUSB Type C cables and adapters. See our Accessories Tab for supported options.

The USB 3.2cardis compatible with Windows, Linux and macOS operating systems. The card includes both standard-profile and low-profile brackets to install in various form-factor PCs and servers.

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers bothpreand post-sales.

The PEXUSB312C3 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Expand the USB capabilities of your system with two USB-C ports, or install the card as a vital hardware component when building a new PC
- Upgrade an older PCIe equipped desktop from USB 3.0/2.0 to USB 3.2 Gen 2 (10Gbps) with Type C
- Ideal for file backups, video editing, and data recovery, using high-bandwidth USB 3.2 Gen 2 external storage solutions

Features

- **HIGH PERFORMANCE:** Add 2x USB-C SuperSpeed 10Gbps ports to your desktop PC with this USB 3.2 Gen 2x1 PCIe Card; Expansion card provides up to 5V 3A (15W) via the USB-C ports
- **USB 3.2 GEN 2X1 SPEEDS:** PCI Express card features the ASMedia ASM3142 host controller using x4 lanes of PCIe 3.0; Capable of speeds up to 10Gbps enabling fast access to high-performance devices like NVMe drives and SSDs
- **MAXIMIZED USB PERFORMANCE:** 2-port USB-C PCIe Card adapter supports USB Attached SCSI Protocol (UASP) optimizing USB performance; Installs in full/low-profile PCIe 3.0 x4 desktop / server slot (lower performance with PCI-e 2.0)
- **COMPATIBILITY:** Add-on card installs in full or low-profile (bracket included) PCIe 3.0 x4 slot (Backward compatible with PCIe 2.0); Windows/Linux/macOS with auto-install drivers Win 8 and up; Works with USB 3.2 Gen 2/3.0/2.0 devices
- **COMPATIBILITY NOTICE:** This dual port USB-C 10Gbps PCIe card supports data transfer only; It does not support DisplayPort Alt Mode for video output, USB Power Delivery, or Thunderbolt devices

General

UPC	065030887434
Package Quantity	1
Warranty	2 Years

Special Notes / Requirements

Special Notes	- The card's USB-C port is standard data only port. It does not support DP Alt Mode (for video) or USB Power Delivery - 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.
System and Cable Requirements	PCI Express enabled computer or server with a PCI Express x4 slot or higher (x8, x16) Optional SATA power connector

Physical & Environmental

Color	Black
Material	Steel
Product Length	4.8 in [122.0 mm]
Product Width	3.1 in [80.0 mm]
Product Height	0.7 in [18.0 mm]
Weight of Product	1.6 oz [45.0 g]
Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	20~80% RH

Performance

Maximum Data Transfer Rate	10Gbps
Type and Rate	USB 10Gbps
UASP Support	Yes

Hardware

Number of Ports	2
Interface	USB 3.2 Gen 2
Bus Type	PCI Express

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