2-Port PCIe USB 3.1 Card - 2x USB-C - USB 3.1 Gen 2 Up to 10Gbps

Product ID: PEXUSB312C3

This PCIe USB 3.1 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.

Faster USB Performance

Also known as USB 3.2 Gen 2x1, this USB 3.1 Gen 2 card adds two 10Gbps USB Type-C™ ports to your computer.

Utilizing an ASMedia ASM3142 chipset, this card harnesses the speed of USB 3.1 Gen 2. With higher data throughput support, this USB 3.1 Gen 2 PCIe expansion card is a necessity for external drives and many other USB 3.1 Gen 2 peripherals and includes an optional SATA power connector for high power devices.

The card is backward compatible with USB 3.0 (5Gbps) and USB 2.0 (480mbps) devices. The card works with newer USB-C devices, but can easily support your existing USB-A peripherals using inexpensive USB Type C cables and adapters. See our Accessories Tab for supported options.

Easy Installation

The USB 3.1 card is 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.

The Choice of IT Pros Since 1985

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 both pre and post-sales.

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

Certifications, Reports and Compatibility

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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 3.1 Gen 2 (10Gbps) with Type C
- Ideal for file backups, video editing, and data recovery, using high-bandwidth USB 3.1 Gen 2 external storage solutions

Features

- Transfer files and access USB 3.1 Gen 2 devices faster, with up to 10Gbps of throughput
- Optional SATA power connector for high power devices
- Fits into standard or low-profile systems with a dual-profile design
- Compliant with Universal Serial Bus 3.1 Gen 2 Specification
- Compliant with UASP (USB Attached SCSI Protocol) Revision 1.0

Hardware	Warranty	2 Years
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	ASMedia - ASM3142
	Industry Standards	USB 3.2 Specification Rev. 2.0 USB Specification Rev. 2.0 PCI Express Base Specification Rev. 3.0 Intel xHCI Specification Rev. 1.1 UASP (USB Attached SCSI Protocol) Rev. 1.0
	Interface	USB 3.1 Gen 2
	Port Style	Integrated on Card
	Ports	2
Performance	Maximum Data Transfer Rate	10Gbps
	Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
	UASP Support	Yes
Connector(s)	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
Software	OS Compatibility	Windows® 7, 8, 8.1, 10 Windows Server® 2008 R2, 2012, 2016, 2019 Linux® 3.5 to 4.11.x *LTS version only*
Special Notes / Requirements	Note	The card's USB-C ports are standard data throughput port. They do not support DP Alt Mode 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
Environmental	Humidity	20~80% RH
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Physical Characteristics	Product Height	22.000
	Product Length	4.8 in [12.2 cm]

	Product Width	93.000
	Weight of Product	45.000
Packaging Information	Package Height	30.000
	Package Length	142.000
	Package Width	170.000
	Shipping (Package) Weight	135.000
What's in the Box	Included in Package	1 - USB 3.2 Card
		1 - Low Profile Bracket
		1 - Quick Start Guide

Product appearance and specifications are subject to change without notice.