Discontinued and replaced by PEXUSB311AC3 - Dual Port USB 3.1 Card - 1x USB-C - 1x USB-A - 10Gbps per port - Expansion Card - USB 3.1 PCI-E Card - USB 3 PCI

Product ID: PEXUSB311AC2

This USB 3.1 card lets you add one USB-C port and one USB-A port to your computer, through a PCI Express slot. It enables you to upgrade your current system by adding two USB 3.1 Gen 2 ports to your computer and giving you access to data transfer speeds up to 10Gbps per port.

Plus, by adding one USB-C and one USB-A port to your PC, you can easily connect legacy, modern, and future USB devices, regardless of the USB connector type.

By adding 10Gbps USB ports to your computer, you can harness the speed of USB 3.1 Gen 2 and rest assured you're ready for both current and future high-bandwidth USB-A and USB-C devices.

With higher data throughput support, this USB 3.1 PCIe card is a necessity for external drives, , and many other USB 3.1 peripherals. Plus, the USB card includes an optional SATA power connector to connect to your system power supply and deliver up to 900mA of power per port to USB 3.1 bus-powered devices (500mA for USB 2.0). The card is ideal for use with large external storage solutions.

Connecting older peripherals isn't a problem. This versatile dual-port USB 3.1 card is backward compatible with legacy USB 3.0/2.0 devices that use the common USB Type-A port, so you can eliminate the added expense and aggravation of purchasing new devices. You can also connect older devices on the USB Type-C port using a variety of .

The USB 3.1 card is compatible with a broad range of Windows and Linux operating systems. Plus, the high-quality card includes both standard-profile and low-profile brackets, making it easy to install in full or small form-factor PCs and servers.

The PEXUSB311AC2 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Upgrade an older PCIe equipped desktop from USB 3.0/2.0 to USB 3.1 Gen 2 (10Gbps)

• Expand the USB capabilities of your system by adding one USB-C port and one USB-A port, or install the card as a vital hardware component when building a new PC

• Ideal for file backups, video editing, and data recovery, using high-bandwidth USB 3.1 Gen 2 external storage solutions

Features

• Diversify the overall USB capabilities of your computer by adding USB Type-C and USB Type-A ports

• Transfer files and access USB 3.1 devices faster, with up to 10Gbps throughput

• Optional SATA power connector provides up to 900mA per USB port

• Cost-effective backward compatibility, works with USB 3.0 and 2.0 devices

• PCIe x4 interface compliant with PCI Express Base Specification Revision 3.0

• Fits into standard or low-profile systems with a dual-profile design

• Compliant with UASP (USB Attached SCSI Protocol) Revision 1.0

• Compliant with Universal Serial Bus 3.1 Specification Revision 1.0, and Universal Serial Bus Specification Revision 2.0

Hardware

	Warranty	2 Years
	Ports	2
	Interface	USB 3.1 Gen 2
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Port Style	Integrated on Card
	Industry Standards	USB 3.1 Specification Rev. 1.0
		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

	Chipset ID	ASMedia - ASM2142

Performance

	Maximum Data Transfer Rate	10Gbps
	Type and Rate	USB 3.1 Gen 2 - 10 Gbit/s
	UASP Support	Yes

Connector(s)

	Connector Type(s)	PCI Express x4
	Internal Ports	SATA Power (15 pin)
	External Ports	USB Type-C (24 pin) USB 3.1 (10Gbps)
		USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps)

Software

	OS Compatibility	Windows 7, 8, 8.1, 10
		Windows Server 2008 R2, 2012, 2016, 2019
		Linux 3.5 to 4.11.x <i>LTS version only</i>

Special Notes / Requirements

	System and Cable Requirements	PCI Express enabled computer or server with a PCI Express x4 slot or higher (x8, x16)
		Optional SATA power connector
	Note	The card's USB-C port is a standard data throughput port. It does 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.
		The available bandwidth (10Gbps) is shared equally between the two ports.

Environmental

	Operating Temperature	5C to 50C (41F to 122F)

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	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	20~80% RH

Physical Characteristics

	Product Length	4.8 in [12.2 cm]
	Product Width	4.3 in [10.8 cm]
	Product Height	0.8 in [21.0 mm]
	Weight of Product	1.8 oz [50.0 g]

Packaging Information

	Package Length	6.7 in [17.0 cm]
	Package Width	5.6 in [14.2 cm]
	Package Height	1.2 in [30.0 mm]
	Shipping (Package) Weight	4.2 oz [120.0 g]

What's in the Box

	Included in Package	USB 3.1 card
		low-profile bracket
		quick-start guide

Product appearance and specifications are subject to change without notice.