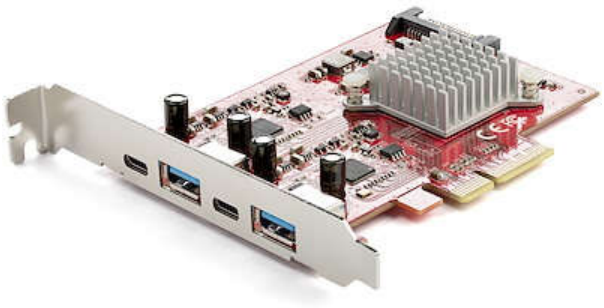
4-Port USB PCIe Card - 10Gbps USB PCI Express Expansion Card w/ 2 Controllers - 2x USB-C & 2x USB-A ports (USB 3.2/3.1 Gen 2) - USB/USB-C PCI-e Card - Full Profile

Product ID: PEXUSB312A2C2V



This 4-port USB 3.2 Gen 2x1 (10Gbps) combo card makes it easy to add to the performance and connectivity of your computer. The USB 3.2 card offers two USB Type-C port (10Gbps), and two traditional USB Type-A ports (10Gbps).

By offering two different USB port types, you can easily connect a variety of USB devices to your desktop computer.

Because the card offers 10Gbps USB ports, you can save time and avoid the performance bottlenecks that are often associated with other connectivity technologies.

USB 3.2 Gen 2x1 (10Gbps) is also known as USB 3.1 Gen 2 (10Gbps).

This versatile PCI Express combo card leverages the performance potential of USB 3.2 Gen 2x1 (10Gbps) to help you work faster. The USB ports offer a data throughput of up to 10Gbps, so you can spend less time waiting for file transfers to complete or for access to your external peripherals.

Now you can easily add a variety of types and speeds (generations) of USB ports to your desktop or server, using a single adapter card. The card features:

• Two external USB-C port (USB 10Gbps)

• Two external USB-A ports (USB 10Gbps)

With a range of port types, the card lets you bridge the gap between devices that use different connectors. You can simultaneously connect and access USB Type-A and USB Type-C devices, while using only a single PCI Express expansion slot.

By adding two types of USB ports in one combo card, you can free up space in your PC case, and eliminate the nuisance of having different cards for different USB devices.

Connecting your older peripherals isn't a problem. This 4-port USB 3.2 card is backward compatible with legacy USB 3.0, 2.0 and 1.1 devices, so you can eliminate the added expense and aggravation of purchasing new devices.

USB 3.0 is also known as USB 3.2 Gen 1x1 (5Gbps) and USB 3.1 Gen 1 (5Gbps).

The PEXUSB312A2C2V 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.

Certifications, Reports and Compatibility

Applications

• Expand the USB capabilities of your system with two USB-C ports and two USB-A ports, or install the card as a vital hardware component when building a new PC

• Upgrade an older PCIe equipped desktop from USB 5Gbps/480Mbps to USB 10Gbps with 2x Type-A and 2x Type-C

• Ideal for file backups, video editing, and data recovery, using high-bandwidth USB 10Gbps external storage solutions

Features

• HIGH PERFORMANCE: 4 Port USB PCIe card with dual ASM3142 controllers with up to 20Gbps total bandwidth across 4 ports; 2x USB-A (10Gbps) 2x USB-C (10Gbps) hub; Supports USB 3.1 Gen 2/USB 3.2 Gen 2x1

• TRANSFER SPEEDS UP TO 10Gbps: USB-A & USB-C PCIe card adapter supports Multiple INs maintaining max bandwidth with mixed speed devices; UASP support; ideal for use with USB devices & external storage like SSDs, HDDs, NVMe drives; Works w/ USB 3.1/3.0/2.0

• OPTIONAL POWER: USB PCIe expansion card with SATA power supplies supplemental power to the USB ports (when motherboard power is insufficient) providing up to 5V 3A/15W per USB Type-C port & 5V 0.9A/4.5W per USB Type-A port

• COMPATIBILITY: USB C add-on card installs in full-profile PCIe 3.0 (x4 slot) desktop/server; lower performance with PCI-e 2.0; Windows/Linux/macOS auto driver install (Windows 8 & up)

• STARTECH.COM ADVANTAGE: IT professionals choice for over 30 years; These thisUSB-A & USB-C combo PCI Express Host Controller card is backed for 2-years by StarTech.com, including free 24/5 North America based multi-lingual tech support

Hardware

Warranty	2 Years
Ports	4
Interface	PCI Express

	Bus Type	USB 3.2 Gen 2 10Gbps
	Card Type	Standard Profile
	Port Style	Integrated on Card
	Industry Standards	PCI Express Base Specification Rev. 3.0
		USB 3.2 Specifications
		UASP (USB Attached SCSI Protocol) Rev. 1.0
	Chipset ID	ASMedia - ASM3142
		ASMedia - ASM2806
Performance		
	Total USB Power Output	USB-C Power Output - 15W
		USB-A Power Output - 4.5W
	Maximum Data Transfer Rate	10Gbps
	Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
	UASP Support	Yes
	MTBF	1,677,495 Hours
Connector(s)		
	Connector Type(s)	PCI Express x4
	Internal Ports	SATA Power (15 pin)
	External Ports	USB 3.2 Gen 2x1 USB Type-A (9 pin, 10 Gbps)
		USB 3.2 Gen 2x1 USB Type-C (24 pin, 10 Gbps)
Software		
	OS Compatibility	Windows 7, 8, 8.1, 10
		Windows Server 2008 R2, 2012 R2, 2016, 2019
		Linux 3.5 to 4.11.x LTS version only
		macOS Catalina (10.15)
		macOS Mojave (10.14) macOS High Sierra (10.13)macOS Big Sur (11.0)

Environmental		
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	-20C to 80C (-4F to 176F)
	Humidity	15~90% RH (Non-condensing)
Physical Characteristics		
	Color	Red
	Product Length	4.4 in [11.2 cm]
	Product Width	3.3 in [85.0 mm]
	Product Height	0.9 in [22.0 mm]
	Weight of Product	2.8 oz [80.0 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	5.0 oz [141.0 g]
What's in the Box		
	Included in Package	PCI Express USB Card
		Full Profile Bracket (Installed)
		Quick-Start Guide

Product appearance and specifications are subject to change without notice.