2-Port USB PCIe Card - 10Gbps USB 3.1 Gen 2 Type-A PCI Express Host Controller Card - USB 3.2 Gen 2x1 PCIe Add-On Adapter Card - UASP - Expansion Card - Windows & Linux

Product ID: PEXUSB312A2

This USB 3.1 card lets you add two USB Type-A ports 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.

Faster USB performance

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 devices.

With higher data throughput support, this PCI Express USB 3.1 card is a necessity for external drives, drive enclosures, 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.

Compatible with older USB devices

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.

Easy installation

The USB 3.1 PCIe 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 PEXUSB312A2 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

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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 with two additional USB ports, 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

- HIGH PERFORMANCE: PCI Express host controller card has two USB-A ports with speeds up to 10Gbps per port; USB PCIe adapter card supports USB 3.1 Gen 2 or USB 3.2 Gen 2x1 standards
- POWER: Expansion card w/ SATA power header supplies supplemental power to the USB ports (when motherboard power is insufficient) providing up to 5V 0.9A (4.5W) per USB-A port
- MAX PERFORMANCE WITH USB STORAGE DEVICES: USB add-on card supports USB Attached SCSI Protocol (UASP) optimizing USB performance w/ external storage devices like SSDs, HDDs, NVMe drives & thumb drives
- COMPATIBILITY: Installs in full or low-profile PCI-e 3.0 x4 slot (works w/2.0 at lower performance); Windows/Linux/macOS w/auto driver install on Windows 8 & above; Works w/USB 3.2/3.1/3.0/2.0 devices
- STARTECH.COM ADVANTAGE: IT professionals choice for over 30 years; This 2-Port USB PCIe card is backed for 2-years by StarTech.com, including free 24/5 North America based multi-lingual tech support

Hardware	Warranty	2 Years
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	ASMedia - ASM2142
	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
	Interface	USB 3.1 Gen 2
	Port Style	Integrated on Card
	Ports	2
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)	1 - PCI Express x4 Male
	External Ports	2 - USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps) Female
	Internal Ports	1 - SATA Power (15 pin) Plug
Software	OS Compatibility	Windows® 7, 8, 8.1, 10 Windows Server® 2008 R2, 2012, 2012 R2, 2016, 2019 Linux® 3.5 to 4.11.x *LTS version only*
Special Notes / Requirements	Note	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	5°C to 50°C (41°F to 122°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Physical Characteristics	Product Height	2.8 in [7 cm]
	Product Length	3.7 in [95 mm]
	Product Width	0.5 in [12 mm]
	Weight of Product	1.8 oz [50 g]

Packaging Information	Package Height	1.2 in [30 mm]
	Package Length	6.8 in [17.2 cm]
	Package Width	5.6 in [14.2 cm]
	Shipping (Package) Weight	4.4 oz [124 g]
What's in the Box	Included in Package	1 - USB 3.1 card
		1 - low-profile bracket
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.