

2-Port USB PCIe Card with 10Gbps/port - USB 3.1/3.2 Gen 2 Type-A PCI Express 3.0 x2 Host Controller Expansion Card - Add-On Adapter Card - Full/Low Profile - Windows & Linux

**Product ID:** PEXUSB312A3



## Certifications, Reports and Compatibility

## Applications

## Features

- **HIGH PERFORMANCE:** 2-Port USB PCIe Card with ASMedia ASM3142 host controller (PCIe 3.0 x2) has two SuperSpeed 10Gbps USB-A ports (USB 3.1 Gen 2 / USB 3.2 Gen 2x1); Speeds up to 10Gbps/port; Upgraded version of our popular USB card PEXUSB312A2
- **MAXIMIZED USB PERFORMANCE:** Add-on card supports Multiple Ins for max bandwidth when using mixed-speed devices; Supports UASP & optimized for SSDs/HDDs, NVMe, thumb drives; Supports USB 3.0/2.0 devices
- **POWER:** USB PCI Express 3.0 expansion card w/ SATA power header supplies supplemental power to the USB ports (when motherboard power is insufficient) providing up to 4.5W (5V @ 0.9A) per USB-A port
- **COMPATIBILITY:** USB PCIe adapter card installs in full or low-profile PCIe 3.0 x4 slot and up; Bracket included; Backward compatible w/ PCIe 2.0; Supports Win/Linux/macOS w/auto drivers on Win 8 & up
- **STARTECH.COM ADVANTAGE:** IT professionals' choice for over 30 years; This USB-A PCI-e card for desktop is backed for life by StarTech.com, incl. free 24/5 North America based multi-lingual tech support

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### Hardware

Warranty

Lifetime

Ports 2

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**Performance**

Maximum Data Transfer Rate 10Gbps

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**Connector(s)**

Connector Type(s) PCI Express x4  
USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps)

Internal Ports SATA Power (15 pin)

External Ports USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps)

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**Software**

OS Compatibility Windows 7, 8, 8.1, 10  
Windows Server 2012 R2, 2016, 2019  
macOS 10.13 to 10.15, 11.0  
Linux 3.5 or later <i>LTS version only</i>

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**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  
  
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.

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**Power**

Total USB Power Output 4.5W (5V @ 0.9A) nominal, per port - Current draw above 2.0A (10W) will initiate Over-Current Protection

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**Environmental**

Operating Temperature 5C to 50C (41F to 122F)  
Storage Temperature -20C to 60C (-4F to 140F)  
Humidity 20%~80% RH

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**Physical**

### Characteristics

Color	Black
Product Length	4.3 in [11.0 cm]
Product Width	4.7 in [12.0 cm]
Product Height	0.7 in [19.0 mm]
Weight of Product	2.8 oz [78.0 g]

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### Packaging Information

Package Length	5.6 in [14.2 cm]
Package Width	6.7 in [17.0 cm]
Package Height	1.2 in [30.0 mm]
Shipping (Package) Weight	5.0 oz [142.0 g]

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### What's in the Box

Included in Package	USB 3.1 Card
	Low-Profile Bracket
	Quick Start Guide
	Full-Profile Bracket (Pre-Installed)

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***\*Product appearance and specifications are subject to change without notice.***

