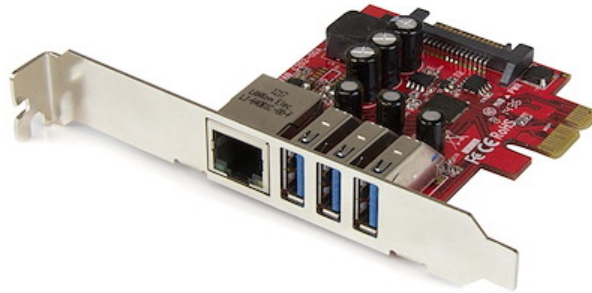


3-Port PCI Express USB 3.0 Card + Gigabit Ethernet - 5Gbps - TAA

Product ID: PEXUSB3S3GE



This PCIe USB 3.2 Gen 1 card couples your peripheral and network connections into a single, scalable solution.

By combining three USB 3.2 Gen 1 ports and one RJ45 port onto a single card, you only need a single PCIe slot for installation, which lets you free up space for other add-ons or upgrades and get more out of your desktop or server.

If you have separate cards for your USB and network connections, this versatile card overcomes the aggravation of running out of PCIe slots while helping to reduce clutter inside your PC.

This dual-purpose card is perfect for building or upgrading your computer. It helps you save money by avoiding the additional costs of purchasing separate USB 3.2 Gen 1 and Gigabit Ethernet adapters.

You can rest assured this card will fit in your small form-factor system, if needed. It features a dual-profile design that makes it easy to install in either standard or low-profile cases.

The combo card makes it easy to connect peripherals such as your external hard drives or mobile devices. Plus, it's backward compatible with USB 2.0 and 1.x, so you won't have to replace all of your existing USB devices.

Functioning as a network adapter, the card delivers wired network access in locations where Wi-Fi is unavailable or unreliable.

Support for advanced features such as jumbo frames and VLAN tagging means you can optimize network traffic as needed.

This high-performance SuperSpeed USB 3.2 Gen 1 adapter card supports data transfer rates up to 5 Gbps and is enhanced with UASP support, which can perform ~70% faster read speed and 40% faster write speed over traditional USB 3.2 Gen 1, when paired with a

The PEXUSB3S3GE is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Connect tablets, smartphones, external hard drives, printers, and other USB-based devices to your computer
- Add scalable connection options when building or upgrading your computer
- Upgrade or replace your onboard USB 3.2 Gen 1 or RJ45 ports

Features

- Frees up a PCIe slot by consolidating 3x USB 3.2 Gen 1 (5Gbps) & 1x Gigabit Ethernet ports into a single card
- Provides installation flexibility for standard and low-profile computers, with a dual-profile design
- Lets you save money and connect your existing devices with USB 2.0 and 1.x backward compatibility
- Perfect for high-powered USB devices, with optional SATA power providing up to 900mA per port
- PCIe x1 interface, compliant with PCI Express 2.0 specifications
- Supports Wake-On-LAN, Energy-Efficient Ethernet, jumbo frames, full duplex flow control, VLAN tagging, and layer 2 priority encoding

Hardware

Warranty	2 Years
Ports	3
Interface	USB 3.2 Gen 1 (5Gbps) RJ45 (Gigabit Ethernet)
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card

Industry Standards	USB 3.0 Specification Rev. 1.0
	PCI Express Base Specification Rev. 2.0
	Intel xHCI Specification Rev. 1.0
	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
	IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3x Flow Control, 802.1q VLAN Tagging, 802.1p Layer 2 Priority Encoding
Chipset ID	Renesas/NEC - PD720201
	Realtek - RTL8153B

Performance

Maximum Data Transfer Rate	5 Gbps (USB 3.0)
	2 Gbps (Ethernet; Full-Duplex)
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Flow Control	Full duplex flow control
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
MTBF	1,920,042 Hours

Connector(s)

Connector Type(s)	1 - PCI Express x1
Internal Ports	1 - SATA Power (15 pin)
External Ports	3 - USB Type-A (9 pin, 5 Gbps)
	1 - RJ-45

Software

OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10, 11
	Windows Server 2008 R2, 2012, 2016, 2019, 2022, 2025
	Linux 2.6.31 and up - LTS Versions only

Special Notes / Requirements

System and Cable Requirements	PCI Express enabled computer with an available PCI Express x1 slot or higher (x4, x8, x16) SATA power connector (recommended, but optional)
Note	The maximum throughput of this card is limited by the bus interface. If used with PCI Express Gen 1.0 enabled computers, the max throughput is 2.5 Gbps. If used with PCI Express Gen 2.0 enabled computers, the max throughput is 5 Gbps. UASP (USB Attached SCSI Protocol), is supported in Windows 8, 8.1, Server 2012 and Linux kernel 2.6.37 or later. Test results were obtained using an Intel Ivy Bridge system, StarTech.com add-on USB 3.0 cards, a UASP-enabled StarTech.com enclosure, and a SATA III solid-state drive.

Indicators

LED Indicators	1 - Link (Green) 1 - Activity (Amber)
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Environmental

Operating Temperature	5C to 50C (41F to 122F)
Storage Temperature	-25C to 70C (-13F to 158F)
Humidity	20~80% RH

Physical Characteristics

Color	Red
Material	Steel
Product Length	3.0 in [77 mm]
Product Width	0.7 in [1.8 cm]
Product Height	4.7 in [12 cm]
Weight of Product	2.1 oz [60 g]

Packaging Information

Package Quantity	1
Package Length	6.9 in [17.4 cm]

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