3-Port PCI Express USB 3.0 Card + Gigabit Ethernet

StarTech ID: PEXUSB3S3GE

This PCIe USB 3.0 card couples your peripheral and network connections into a single, scalable solution.

By combining three USB 3.0 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.

Combo-card convenience and cost-savings

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 3.0 and Gigabit Ethernet adapters.

Flexible install options and legacy device support

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.

Gigabit connectivity and network management

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.

Effective USB 3.0 performance enhanced by UASP

This high-performance SuperSpeed USB 3.0 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 3.0, when paired with a UASP-enabled enclosure.

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

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 3.0 or RJ45 ports

Features

- Frees up a PCIe slot by consolidating 3x USB 3.0 & 1x Gigabit Ethernet ports into a single card
- Provides installation flexability 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

Technical Specifications

Warranty	2 Years
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Renesas / NEC - µPD720201 (USB 3.0) Realtek - RTL8153 (LAN)
Industry Standards	USB 3.0 Specification Rev. 1.0 PCI Express Base Specification Rev. 2.0 Intel xHCI Specification Rev. 1.0
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
Industry Standards	IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3x Flow Control, 802.1q VLAN Tagging, 802.1p Layer 2 Priority Encoding
Interface	USB 3.0
Interface	RJ45 (Gigabit Ethernet)
Port Style	Integrated on Card
Ports	3
Auto MDIX	Yes
Auto-Negotiation	Yes
Compatible Networks	10/100/1000 Mbps
Flow Control	Full duplex flow control
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet; Full-Duplex)
MTBF	1,920,042 Hours
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Connector Type(s)	1 - PCI Express x1 Male

External Ports	3 - USB Type-A (9 pin) USB 3.0 Female
External Ports	1 - RJ-45 Female
Internal Ports	1 - SATA Power (15 pin) Plug
OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2008 R2, 2012 Linux 2.6.31 to 4.4.x *LTS Versions only*
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.
Note	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.
System and Cable Requirements	PCI Express enabled computer with an available PCI Express x1 slot or higher (x4, x8, x16)
System and Cable Requirements	SATA power connector (recommended, but optional)
LED Indicators	1 - Link (Green)
LED Indicators	1 - Activity (Amber)
Humidity	20~80% RH
Operating Temperature	5°C to 50°C (41°F to 122°F)
Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Product Height	4.7 in [120 mm]
Product Length	3 in [77 mm]
Product Weight	2.1 oz [60 g]
Product Width	0.7 in [18 mm]
Shipping (Package)	5.3 oz [150 g]

Weight	
Included in Package	1 - 3 Port PCI Express USB 3.0 Card w/ Gigabit Ethernet
Included in Package	1 - Low-Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility