

## 4-port PCI Express USB 3.0 card - 2 external, 2 internal - SATA power

StarTech ID: PEXUSB3S2EI



This PCI Express USB 3.0 card offers a cost-effective upgrade that lets you add four USB 3.0 ports to your computer through a PCIe slot. It offers two external ports plus two internal USB 3.0 headers to help adapt your desktop or server to support a variety of USB 3.0 devices.

## Flexible and convenient port design

With extra motherboard-style USB 3.0 headers you have the flexibility to add more internal USB 3.0 devices to your PC. When your existing headers are occupied, you can connect front panel hubs or card readers using this versatile alternative to costly motherboard and computer upgrades.

For added convenience, the card integrates two external USB 3.0 ports, so you can plug in more devices such as external hard drives or printers.

# Simple installation and supports older devices

The USB 3.0 card is easy to install and requires no additional drivers or software in natively supported Windows® 8.1 / 8 operating systems. Plus, it features a dual profile design that fits in standard or low-profile cases, so you can rest assured it will fit in your small form-factor system if needed.

Connecting older peripherals isn't a problem either. So, there's no need to purchase new devices since the adapter card is backward compatible with your USB 2.0 and 1.x technology.

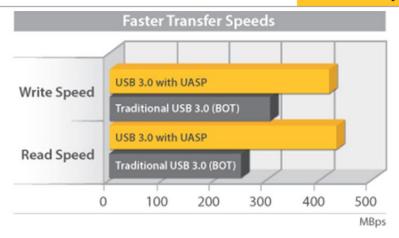
# Effective USB 3.0 performance enhanced by UASP

This high-performance SuperSpeed USB 3.0 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 <u>UASP-enabled enclosure</u>.



Hard-to-find made easy®

# Spec Sheet



The PEXUSB3S2EI is ruggedly built for reliable USB 3.0 device connections and is backed by a StarTech.com 2-year warranty and free lifetime technical support.

**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.

#### **Applications**

- Install as a vital hardware component when building your own computer or when upgrading your case
- Connect external hard drives, tablets, smartphones, CD/DVD drives, MP3 players, printers, scanners, webcams and game controllers to your computer

#### **Features**

- Flexibility to connect external and internal USB 3.0 devices and supports UASP
- Fast, hassle-free setup with Windows 8 native support, and fits into standard or low-profile systems
- Backward compatibility lets you save money and connect existing USB 2.0 and 1.x devices
- Transfer large files at lightning speed, with throughput support up to 5 Gbps
- Optional SATA power connector provides up to 900mA per port for high-power USB devices
- PCIe x1 interface, compliant with PCI Express 2.0 specifications
- Configured with full-profile bracket, half-height bracket included





Warranty 2 Years

**Technical Specifications** 

Bus Type PCI Express

Card Type Standard Profile (LP bracket incl.)

Chipset ID Renesas / NEC - µPD720201 Industry USB 3.0 Specification Rev. 1.0

Standards PCI Express Base Specification Rev. 2.0

Intel xHCI Specification Rev. 1.0

Interface USB 3.0

Port Style Integrated on Card

Ports 4

Maximum 9.8 ft [3 m]

Cable Length

Maximum 5 Gbps

Data Transfer

Rate

MTBF 1,920,042 Hours

Type and USB 3.0 - 5 Gbit/s

Rate

UASP Yes

Support

Connector 1 - PCI Express x1 Male

Type(s)

External 2 - USB 3.0 A (9 pin; SuperSpeed) Female

Ports

Internal Ports 1 - SATA Power (15 pin) Plug

Internal Ports 2 - IDC (20 pin; USB 3.0; Motherboard Header) Receptacle

OS Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64)

Compatibility Windows Server® 2012, 2008 R2

Linux 2.6.31 and up (Tested up to 3.5)

**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.

System and PCI Express enabled computer with an available PCI Express x1 slot or higher (x4, x8, x16)

Cable

Requirements

System and SATA power connector (recommended, but optional)





### Hard-to-find made easy®

Cable

Requirements

Product

Height

3.6 in [92 mm]

4.7 in [120 mm]

Product Length

Product 1.9 oz [55 g]

Weight

Product 0.7 in [18 mm]

Width

Humidity 20~80% RH

Operating 5°C to 50°C (41°F to 122°F)

Temperature

Storage -25°C to 70°C (-13°F to 158°F)

Temperature

Shipping 4.9 oz [140 g]

(Package) Weight

Included in 1 - 4 Port PCI Express USB 3.0 Card - 2 Ext 2 Int

Package

Included in 1 - Low-Profile Bracket

Package

Included in 1 - Driver CD

Package

Included in 1 - Instruction Manual

Package

#### Certifications, Reports and Compatibility







