

**Spec Sheet** 

#### 4-port PCI Express USB 3.0 card

StarTech ID: PEXUSB3S42



Here's a cost-effective solution for adding USB 3.0 connectivity to your computer. This 4-port PCIe USB 3.0 card gives you three external ports and one internal port, for the ultimate connection flexibility.

# Enjoy convenient USB 3.0 port availability

With three external USB 3.0 ports you can connect more devices to your computer. The card provides easy access to commonly-used peripherals such as your tablet and external hard drive. It also features an internal USB port that lets you connect a device such as a flash drive inside your computer case, providing added security and convenience.

USB 3.0 gives you fast access to your files with data transfer rates up to 5 Gbps. Plus it's backward compatible with USB 2.0 and 1.x devices, which eliminates the cost and aggravation of upgrading your existing devices.

## Get up and running quickly

Setup is a breeze with native operating system support. The USB 3.0 adapter card automatically installs in Windows® 8.1, 8 and 7.

For convenient installation, this PCI Express USB 3.0 card features a dual-profile design that can be installed in almost any type of computer. It comes equipped with a standard profile bracket and also includes a low-profile bracket for installation in small form-factor/half-height systems.

## UASP support for more efficient data transfers

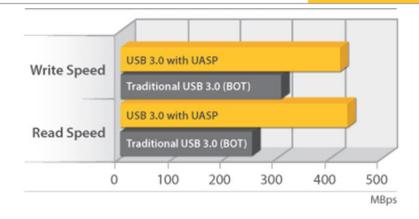
This high-performance USB 3.0 card is enhanced with UASP support, which can perform ~70% faster read speed and ~40% faster write speed over traditional USB 3.0, when paired with .

**Faster Transfer Speeds** 

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The PEXUSB3S42 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

**Note**: UASP (USB Attached SCSI Protocol) is supported in Windows 8.1, 8, 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

- Enhance the connection capabilities of your PCI Express enabled computer or server
- Connect external hard drives, tablets, smartphones, CD/DVD drives, webcams or game controllers to your computer
- Connect your flash drive or other devices to the internal USB 3.0 port for a secure connection

#### Features

- Expands your computer connectivity with four extra USB 3.0 ports (3 external, 1 internal)
- Easy to install with native OS support in Windows 8.1, 8, 7, and Linux kernel 2.6.31 or later
- Fits standard or small form-factor computers, low-profile bracket included
- Data transfer rates up to 5 Gbps plus UASP support
- Backward compatible with USB 2.0 and 1.x devices
- Built-in optional SATA power connector provides up to 900mA per USB port
- PCIe x1 interface, compliant with PCI Express 2.0 specifications

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#### **Technical Specifications**

Warranty	2 Years	
Bus Type	PCI Express	
Card Type	Standard Profile (LP bracket incl.)	
Chipset ID	VLI - VL805	
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	3 m [9.8 ft]	
Cable Length		
Maximum	5 Gbps	
Data Transfer		
Rate		
Type and Rate	USB 3.0 - 5 Gbit/s	
UASP	Yes	
Support		
Connector	1 - PCI Express x1 Male	
Type(s)		
External Ports	3 - USB 3.0 A (9 pin; SuperSpeed) Female	
	1 - SATA Power (15 pip) Plug	
Internal Ports 1 - SATA Power (15 pin) Plug Internal Ports 1 - USB 3.0 A (9 pin; SuperSpeed) Female		
OS	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64)	
	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 Cable	PCI Express enabled computer or server with an available PCI Express x1 slot or higher (x4, x8, x16)	
Requirements		
System and Cable	SATA power connector (recommended, but optional)	

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Requirements			
Product Height	120 mm [4.7 in]		
Product Length	87 mm [3.4 in]		
Product Weight	59 g [2.1 oz]		
Product Width	19 mm [0.7 in]		
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)		
Shipping (Package) Weight	143 g [5 oz]		
Included in Package	1 - 4 Port PCI Express USB 3.0 Card		
Included in Package	1 - Low-Profile Bracket		
Included in Package	1 - Driver CD		
Included in Package	1 - Instruction Manual		

#### **Certifications, Reports and Compatibility**









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