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Data Sheet

4-Port PCI Express USB 3.0 Card

Product 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.

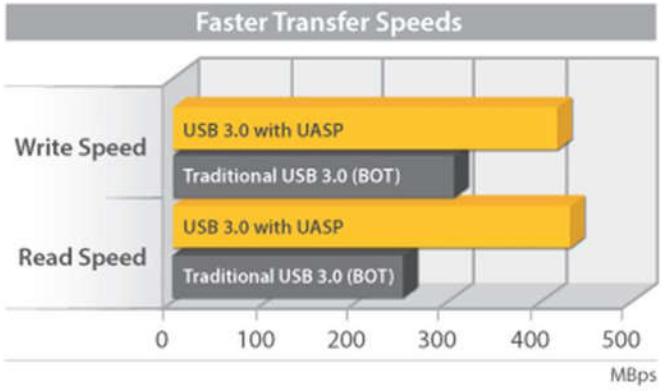
For convenient installation, this PCI Express USB 3.0 card features a dual-profile design that can be installed in almost any type of computer. It comes equipped with a standard profile bracket and also includes a low-profile bracket for installation in small form-factor/half-height systems.

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 UASP-enabled enclosure.

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.



Certifications, Reports and Compatibility

RoHS Compliant Available

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

	Warranty	2 Years
Hardware	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	VIA/VLI - VL805
	Industry Standards	USB 3.0 Specification Rev. 1.0 PCI Express Base Specification Rev. 2.0 Intel xHCI Specification Rev. 1.0
	Interface	USB 3.0
	Port Style	Integrated on Card
	Ports	4
Performance	Maximum Cable Length	9.8 ft [3 m]
	Maximum Data Transfer Rate	5 Gbps
	MTBF	24,000 hours
	Type and Rate	USB 3.0 - 5 Gbit/s
	UASP Support	Yes
Connector(s)	Connector Type(s)	1 - PCI Express x1 Male
	External Ports	3 - USB Type-A (9 pin) USB 3.0 Female
	Internal Ports	1 - SATA Power (15 pin) Plug
		1 - USB Type-A (9 pin) USB 3.0 Female
Software	OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2008 R2, 2012, 2012 R2, 2016 Linux 2.6.31 to 4.11.x *LTS Versions only*
Special Notes / Requirements	**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 Requirements	PCI Express enabled computer or server with an available PCI Express x1 slot or higher (x4, x8, x16)
		SATA power connector (recommended, but optional)
Environmental	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)
Physical Characteristics	Product Height	4.7 in [120 mm]

	Product Length	3.4 in [87 mm]
	Product Weight	1.9 oz [55 g]
	Product Width	0.7 in [19 mm]
Packaging Information	Shipping (Package) Weight	5 oz [141 g]
What's in the Box	Included in Package	1 - 4 Port PCI Express USB 3.0 Card 1 - Low-Profile Bracket 1 - Driver CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.