StarTech.com
Hard-to-find made easy®

Data Sheet

4-Port PCI Express USB 3.0 Card - 2 External, 2 Internal - SATA Power

Product 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

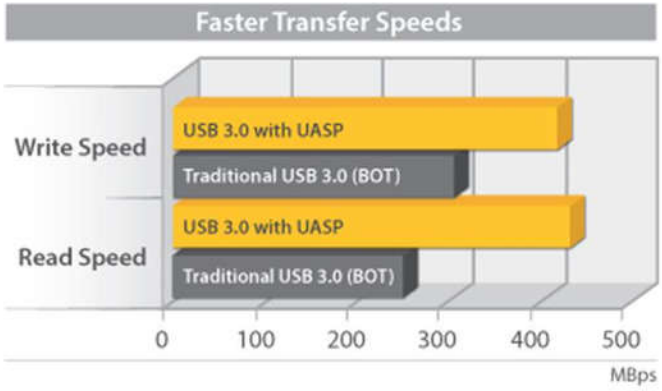
The USB 3.0 card is easy to install and requires no additional drivers or software in natively supported Windows® 8.1 / 8 operating systems. Plus, it features a dual profile design that fits in standard or low-profile cases, so you can rest assured it will fit in your small form-factor system if needed.

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 UASP-enabled enclosure.

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.

Certifications, Reports and Compatibility

RoHS Compliant Available

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
Hardware	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	Renesas/NEC - µPD720201
	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	1,920,042 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	2 - USB Type-A (9 pin) USB 3.0 Female
	Internal Ports	1 - SATA Power (15 pin) Plug
		1 - IDC (20 pin, USB 3.0, Motherboard Header) Receptacle
Software	OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016
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 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	-25°C to 70°C (-13°F to 158°F)
Physical Characteristics	Product Height	4.7 in [120 mm]
	Product Length	3.6 in [92 mm]

	Product Weight	1.9 oz [53 g]
	Product Width	0.7 in [18 mm]
Packaging Information	Shipping (Package) Weight	5 oz [143 g]
What's in the Box	Included in Package	1 - 4 Port PCI Express USB 3.0 Card - 2 Ext 2 Int 1 - Low-Profile Bracket 1 - Driver CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.