7-port PCI Express USB 3.0 card - standard and low-profile design

StarTech ID: PEXUSB3S7

Handle your workload more efficiently. This USB 3.0 card expands your computer's capabilities by giving you seven extra USB 3.0 ports. It's engineered with an innovative stacked port layout to fit easily into both low-profile and standard desktop computers.

Greater port count. Greater scalability.

More ports means you can add USB devices as you need them. This robust USB 3.0 card gives you seven USB 3.0 ports – six external and one internal – so you can plug in your tablets, smartphones, external hard drives, CD/DVD drives, printer and other devices at the same time. With so many extra ports, you can leave your devices plugged in, so they're ready to use when you need them. It's also economical – by being able to connect so many devices, you save the cost of extra hubs or cards.

The internal USB 3.0 port lets you connect a USB device inside your computer for added convenience and security.
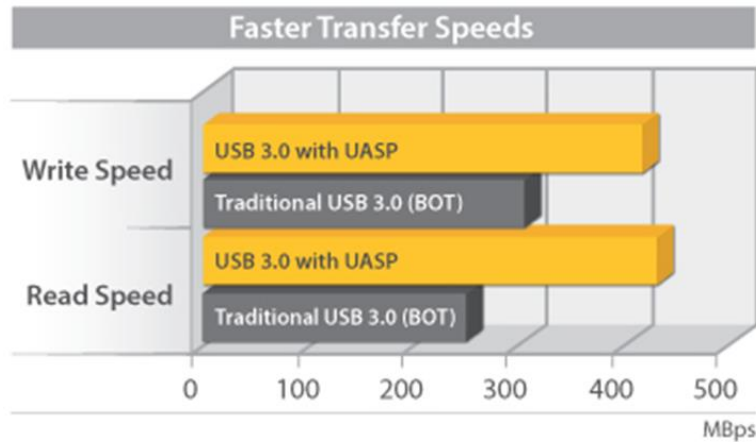
Unique dual-profile design

This versatile USB 3.0 card features a dual-profile design with a stacked port layout. The innovative port configuration allows a high number of external ports in a compact design, allowing it to fit both low-profile and full desktop computer systems. A bracket is included for installation into low-profile computers.

Easy driver installation

You'll be up and running in no time. The card automatically installs in Windows 8, and 8.1, with native operating system support. It's also backward compatible with USB 2.0 and 1.x devices to help you get the most out of your existing peripherals.

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 rugged build quality of the card delivers long-lasting performance, and gives you peace of mind when connecting multiple devices. The PEXUSB3S7 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

- Enhance the connectivity capabilities of your PCI Express enabled computer or server
- Connect external hard drives, tablets, smartphones, CD/DVD drives, MP3 players, printers, scanners, webcams and game controllers to your computer

Features

- Extend your system capabilities by adding 7 USB 3.0 ports – 6 external and 1 internal – to any PCIe compatible computer
- Unique dual-profile design fits standard and low-profile computers
- Get up and running quickly with native OS support in Windows® 8.1, 8, and Linux® kernel 2.6.31 or later
- Enjoy fast file transfers with USB 3.0 5Gbps and UASP support
- Backward compatible with USB 2.0 and 1.x devices
- SATA power connector with up to 900mA per port for high-power USB devices
- PCIe x1 interface compliant with PCI Express 2.0 specifications

Technical Specifications

Warranty	2 Years
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Renesas / NEC - µPD720201 & µPD720210
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	7
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 Type(s)	1 - PCI Express x1 Male
External Ports	6 - USB 3.0 A (9 pin; SuperSpeed) Female
Internal Ports	1 - SATA Power (15 pin) Plug
Internal Ports	1 - USB 3.0 A (9 pin; SuperSpeed) Female
OS Compatibility	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 Requirements	PCI Express enabled computer or server with an available PCI Express x1 slot or higher (x4, x8, x16)
System and	SATA power connector (recommended, but optional)

Cable Requirements	
Product Height	4.7 in [120 mm]
Product Length	4.1 in [105 mm]
Product Weight	2.5 oz [72 g]
Product Width	0.6 in [15 mm]
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)
Shipping (Package) Weight	5.3 oz [150 g]
Included in Package	1 - 7 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