

2 Port PCI Express SuperSpeed USB 3.0 Card Adapter

StarTech ID: PEXUSB3S2



Providing speeds up to 10x faster than that of USB 2.0, this PCI Express USB 3.0 card enables you to access your data and transfer files much faster than USB 2.0, by adding two USB 3.0 ports to your PCI Express capable PC.

Featuring a native NEC PCI Express host controller chipset, the new USB 3.0 standard supports transfer rates of up to 5Gbps, while still providing connectivity and support for the older USB 2.0 (480Mbps) and 1.1 (12Mbps) devices.

In addition to providing a much faster transfer rate the PEXUSB3S2 USB 3.0 card also supplies 900mA of power per USB port, allowing more and more external devices to operate without the need of an additional power source.

Applications

- Upgrade an older PCIe-based system with USB 3.0 connectivity to fully utilize USB 3.0 devices
- Expand a system's USB capabilities with two additional external USB ports
- Connect additional external hard drives, CD/DVD drives, MP3 players, printers, scanners, webcams, game controllers, digital cameras, etc. to a computer system

Features

- Provides two external USB 3.0 connections
- Fully compliant with USB 3.0 revision 1.0 specifications and Intel xHCI rev0.96 specifications, with transfer rates up to 5 Gbps
- Built-in optional LP4 Molex power connector for bus-powered USB devices
- Backwards compatible with USB 2.0 and USB 1.0/1.1 devices
- Optionally provides up to 900mA per USB port
- Compliant with PCI Express 2.0 specifications
- Supports up to 127 USB devices per port (requires additional USB hubs)
- Plug-and-Play and Hot-Swap compatible
- Support Control/Bulk/Interrupt/Isochronous USB Transfer modes
- Includes a Low Profile installation bracket

Technical Specifications

Warranty	Lifetime
Ports	2
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Renesas/NEC - μ PD720200
Connector Type(s)	1 - PCI Express x1 Male
Internal Ports	1 - LP4 (4 pin; Molex Large Drive Power) Male
External Ports	2 - USB 3.0 A (9 pin; SuperSpeed) Female
Type and Rate	USB 3.0 - 5 Gbit/s
MTBF	11,914 Hours
OS Compatibility	Windows XP(32/64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit)
Product Length	4.8 in [121 mm]
Product Width	3 in [76 mm]
Product Height	0.7 in [19 mm]
Product Weight	2.1 oz [60 g]
Operating Temperature	-05/22/2012eg;C to 505/22/2012eg;C (325/22/2012eg;F to 1225/22/2012eg;F)
Storage Temperature	-205/22/2012eg;C to 605/22/2012eg;C (-45/22/2012eg;F to 1405/22/2012eg;F)
Humidity	0~85% RH
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.
Shipping (Package) Weight	0.3 lb [0.1 kg]
Included in Package	1 - PCI Express USB 3.0 Card
Included in	1 - LP4 Molex to SATA Adapter

- Package
Included in 1 - Low Profile bracket
Package
Included in 1 - Installation CD
Package
Included in 1 - Instruction Manual
Package

Certifications, Reports and Compatibility

