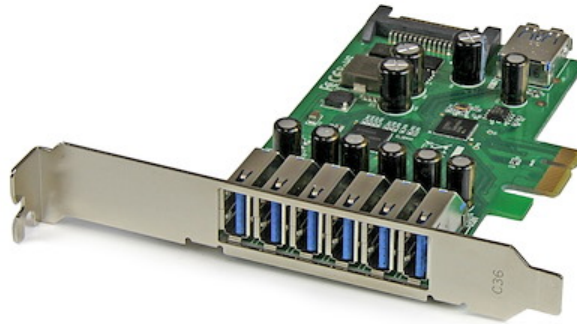


## 7-Port PCI Express USB 3.0 Card - 5Gbps - Standard and Low-Profile Design - TAA

**Product ID:** PEXUSB3S7



Handle your workload more efficiently. This USB 3.2 Gen 1 card expands your computer's capabilities by giving you seven extra USB 3.2 Gen 1 ports. It's engineered with an innovative stacked port layout to fit easily into both low-profile and standard desktop computers.

More ports means you can add USB devices as you need them. This robust USB 3.2 Gen 1 card gives you seven USB 3.2 Gen 1 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 3.2 Gen 1 port lets you connect a USB device inside your computer for added convenience and security.

This versatile USB 3.2 Gen 1 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.

You'll be up and running in no time. The card automatically installs in Windows 8.1 or later, 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.

This high-performance SuperSpeed USB 3.2 Gen 1 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 3.2 Gen 1, when paired with a .

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 8.1 or later, and Linux kernel 2.6.37 or later. Test results were obtained using an Intel Ivy Bridge system, StarTech.com add-on USB 3.2 Gen 1 cards, a UASP-enabled StarTech.com enclosure, and a SATA III solid state drive.

## Certifications, Reports and Compatibility



## 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 3.2 Gen 1 ports – 6 external and 1 internal – to any PCIe compatible computer
- Unique dual-profile design fits standard and low-profile computers
- Enjoy fast file transfers with USB 3.2 Gen 1 (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

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### Hardware

|                    |                                     |
|--------------------|-------------------------------------|
| Warranty           | 2 Years                             |
| Ports              | 7                                   |
| Interface          | USB 3.2 Gen 1 (5Gbps)               |
| Bus Type           | PCI Express                         |
| Card Type          | Standard Profile (LP bracket incl.) |
| Port Style         | Integrated on Card                  |
| Industry Standards | USB 3.0 Specification Rev. 1.0      |

PCI Express Base Specification Rev. 2.0

Intel xHCI Specification Rev. 1.0

Chipset ID                      Renesas/NEC - PD720201  
PD720210

## Performance

|                            |                    |
|----------------------------|--------------------|
| Maximum Data Transfer Rate | 5 Gbps             |
| Maximum Cable Length       | 9.8 ft [3 m]       |
| Type and Rate              | USB 3.0 - 5 Gbit/s |
| UASP Support               | Yes                |
| MTBF                       | 1,920,042 Hours    |

## Connector(s)

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Connector Type(s) | 1 - PCI Express x1                                        |
| Internal Ports    | 1 - SATA Power (15 pin)<br>1 - USB Type-A (9 pin, 5 Gbps) |
| External Ports    | 6 - USB Type-A (9 pin, 5 Gbps)                            |

## Software

|                  |                                                                                                                                            |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| OS Compatibility | Windows XP, Vista, 7, 8, 8.1, 10, 11<br>Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022<br>Linux 2.6.31 and up - LTS Versions only |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

## Special Notes / Requirements

|                               |                                                                                                                                                                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System and Cable Requirements | PCI Express enabled computer or server with an available PCI Express x1 slot or higher (x4, x8, x16)<br><br>SATA power connector (recommended, but optional)                                                                               |
| 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. |

## Power

|               |        |
|---------------|--------|
| Input Voltage | 12V DC |
|---------------|--------|

|                                 |                           |                                     |
|---------------------------------|---------------------------|-------------------------------------|
|                                 | Output Voltage            | 12V DC                              |
| <b>Environmental</b>            |                           |                                     |
|                                 | Operating Temperature     | 5C to 50C (41F to 122F)             |
|                                 | Storage Temperature       | -25C to 70C (-13F to 158F)          |
|                                 | Humidity                  | 20~80% RH                           |
| <b>Physical Characteristics</b> |                           |                                     |
|                                 | Color                     | Green                               |
|                                 | Material                  | Steel                               |
|                                 | Product Length            | 4.1 in [10.5 cm]                    |
|                                 | Product Width             | 0.6 in [1.5 cm]                     |
|                                 | Product Height            | 4.7 in [12 cm]                      |
|                                 | Weight of Product         | 2.5 oz [72 g]                       |
| <b>Packaging Information</b>    |                           |                                     |
|                                 | Package Length            | 6.9 in [17.4 cm]                    |
|                                 | Package Width             | 5.7 in [14.4 cm]                    |
|                                 | Package Height            | 1.3 in [32 mm]                      |
|                                 | Shipping (Package) Weight | 5.7 oz [162.0 g]                    |
| <b>What's in the Box</b>        |                           |                                     |
|                                 | Included in Package       | 1 - 7 Port PCI Express USB 3.0 Card |
|                                 |                           | 1 - Low-Profile Bracket             |
|                                 |                           | 1 - Driver CD                       |
|                                 |                           | 1 - Instruction Manual              |
| <b>Warranty Information</b>     |                           |                                     |
|                                 | Warranty                  | 2 Years                             |

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