

2-Port USB 3.1 (10Gbps) and eSATA PCIe Card - 1x USB-A and 1x eSATA

Product ID: PEXUSB311A1E



This combination PCI Express controller card lets you add both a USB 3.2 Gen 2 port and an eSATA port to your desktop PC, through a single PCIe slot. The versatile controller card offers a cost-effective way to add high-performance connectivity to your computer, with support for newer USB 3.2 devices as well as eSATA hard drives.

At up to 10Gbps, the USB 3.2 PCIe card delivers the speed you need for seamless performance from your compatible devices. It's also backward compatible with previous versions of USB, so you can connect your existing USB 3.2 Gen 1 / 2.0 / 1.1 equipment.

The controller card also connects your computer to an eSATA device, providing a hot-pluggable, high-speed storage solution for backing up or archiving data. With support for SATA I, II and III hard drives, and data transfer speeds of up to 6Gbps, the controller card offers reliable performance for your external SATA storage applications.

For added versatility, the controller card is equipped with a standard-profile bracket and includes a low-profile bracket for installation in small form-factor computers.

The PEXUSB311A1E is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Upgrade an older PCIe equipped system to USB 3.1 Gen 2 compatibility
- Expand your system or maintain support for eSATA-based external drive storage

Features

- Enhance your connectivity by adding one USB 3.2 Gen 2 and one eSATA port to your computer, through a single PCIe slot
- Supports USB 3.2 Gen 2 data rates up to 10Gbps
- Supports SATA I, II, and III up to 6Gbps
- PCIe x4 interface compliant with PCI Express Base Specification Revision 3.0
- Backward compatible with USB 3.2 Gen 1, USB 2.0 and USB 1.0/1.1 devices
- Includes a low-profile/half-height installation bracket

Hardware

Warranty	2 Years
Ports	2
Interface	USB 3.2 Gen 2 & eSATA
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Port Style	Integrated on Card
Chipset ID	ASMedia - ASM2142 ASMedia - ASM1351

Performance

Maximum Data Transfer Rate	USB 3.1 10Gbps eSATA 6Gbps
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
UASP Support	Yes
Port Multiplier	No

ATAPI Support No

Connector(s)

Connector Type(s) 1 - PCI Express x4

External Ports 1 - eSATA (7 pin, Data)

1 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps)

Software

OS Compatibility Windows 7, 8, 8.1, 10, 11

Windows Server 2012, 2016, 2008 R2, 2019, 2022

Linux 3.5 to 4.4 (LTS versions only)

Special Notes / Requirements

System and Cable Requirements Available PCI Express slot

Environmental

Operating Temperature +5C to +50C (+41F to +122F)

Storage Temperature -25C to +70C (-13F to 158F)

Humidity 15~90% RH, Non-condensing

Physical Characteristics

Color Red

Product Length 3.7 in [93.0 mm]

Product Width 3.1 in [80.0 mm]

Product Height 3.9 in [10.0 cm]

Weight of Product 1.6 oz [46.0 g]

Packaging Information

Package Quantity 1

Package Length 5.6 in [14.2 cm]

Package Width 6.7 in [17.0 cm]

Package Height 1.2 in [30.0 mm]

Shipping (Package) Weight	4.3 oz [122.0 g]
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What's in the Box

Included in Package	1 - controller card
	1 - low-profile bracket
	1 - quick-start guide

****Product appearance and specifications are subject to change without notice.***