

## 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 3.1 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 3.1 devices as well as eSATA hard drives.

### Fast transfers over USB 3.1 Gen 2

At up to 10Gbps, the USB 3.1 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 3.0 / 2.0 / 1.1 equipment.

## **Connect to eSATA devices**

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.

## **Versatile installation options**

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 3.1 Gen 2 and one eSATA port to your computer, through a single PCIe slot
- Supports USB 3.1 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 3.0, USB 2.0 and USB 1.0/1.1 devices
- Includes a low-profile/half-height installation bracket

<b>Hardware</b>	Warranty	2 Years
	Bus Type	PCI Express
	Card Type	Standard Profile (LP bracket incl.)
	Chipset ID	ASMedia - ASM2142 ASMedia - ASM1351
	Interface	USB 3.1 Gen 2 & eSATA
	Port Style	Integrated on Card
	Ports	2
<b>Performance</b>	ATAPI Support	No
	Maximum Data Transfer Rate	USB 3.1 10Gbps eSATA 6Gbps
	Port Multiplier	No
	Type and Rate	USB 3.1 Gen 2 - 10 Gbit/s
	UASP Support	Yes
<b>Connector(s)</b>	Connector Type(s)	1 - PCI Express x4 Male
	External Ports	1 - eSATA (7 pin, Data) Plug 1 - USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps) Female
<b>Software</b>	OS Compatibility	Windows® 7, 8, 8.1, 10 Windows Server® 2012 Linux® 3.5 to 4.4 (LTS versions only)
<b>Special Notes / Requirements</b>	System and Cable Requirements	Available PCI Express slot
<b>Environmental</b>	Humidity	15~90% RH, Non-condensing
	Operating Temperature	+5°C to +50°C (+41°F to +122°F)
	Storage Temperature	-25°C to +70°C (-13°F to 158°F)
<b>Physical Characteristics</b>	Color	Red
	Product Height	0.9 in [22 mm]
	Product Length	3.7 in [93 mm]
	Product Weight	1.6 oz [45.6 g]
	Product Width	4.8 in [121 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	4.5 oz [127.2 g]
<b>What's in the Box</b>	Included in Package	1 - controller card

1 - low-profile bracket

1 - quick-start guide

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Product appearance and specifications are subject to change without notice.