

## 1 Port ExpressCard Power eSATA Controller Adapter Card

StarTech ID: ECESATUSB1



This ExpressCard Power eSATA port controller card can be installed in an available ExpressCard 34/54 mm slot to provide a powered eSATA connection, and also alternatively provide either external SATA (data only) or USB 2.0 connectivity from one uniquely designed port if using with standard eSATA or USB devices.

An ideal solution for using an eSATA SSD Flash drive on your laptop, the power eSATA card delivers both a high speed eSATA connection and power from the combined USB port.

A versatile connectivity solution, the card features built-in port multiplier support, allowing multi-drive eSATA storage enclosures to be connected to the host computer using a single eSATA cable.

Taking advantage of the transfer speed of eSATA connection and the 5V power output of the USB 2.0 port, the ExpressCard Power eSATA adapter is the perfect answer for connecting compatible mobile drive enclosures, similar to the built-in power eSATA port provided by the following laptop computers:

- **Toshiba:** Satellite E105, A350, Satellite Pro P300; Qosmio G50, X305, Portege A600, M750, R500, R600; and Tecra M10, R10, A10.
- **Dell:** Studio 15, 17; Latitude E6400, E6500; Precision M2400, M4400, M6400, M6400 Covet.

## Applications and Solutions

- Connects to eSATA SSD Flash drives, such as OCZ Throttle, Kangaru e-Flash drives and Ridata Racer series flash drives
- Enables you to power an external HDD enclosure that has compatible power eSATA (eSATA+USB) interface
- Provides connectivity between Notebooks and PCs with ExpressCard slots to external drive enclosures with Power eSATA (eSATA+USB) port, or with regular eSATA port equipped drive enclosures for fast data transfer only

## Features

- Supports data transfer speeds up to 3.0 Gbps with SATA II (480Mbps with USB 2.0)
- Ideal cable-free solution to using eSATA SSD Flash drives on your laptop
- Native PCI Express single chipset
- Port multiplier capability with command based switching
- Compliant with ExpressCard Specification 1.0 and ExpressCard 34 Form Factor
- Supports hot-swappable device installations
- Supports RAID 0, 1, 5, and 10
- Supports Windows 2000/XP/Vista, MAC, and Linux
- USB 2.0, SATA I, and SATA II standard compliant

## Technical Specifications

- Warranty: 1 Year warranty
- Bus Type: ExpressCard
- Chipset ID: Silicon Image - Sil3132
- Connector Types: 1 - 11 pin Power eSATA (eSATA/USB, 5V) Female
- Product Height: 0.59 in [15 mm]
- Humidity: 5% to 95% RH
- LED Indicators: 1 - eSATA Activity
- Product Length: 4.33 in [110 mm]
- Number of Ports: 1
- Operating Temperature: 0&deg;C to 50&deg;C (32&deg;F to 122&deg;F)
- Carton Quantity: 100
- Supported RAID Modes: JBOD - (Just a Bunch of Disks)
- Supported RAID Modes: RAID 0 (Striped Disks)
- Supported RAID Modes: RAID 1 (Mirrored Disks)
- Supported RAID Modes: RAID 5 (Striped Disks with Parity)
- Storage Temperature: -10&deg;C to 70&deg;C (14&deg;F to 158&deg;F)
- Shipping (Package) Weight: 12.35 oz [350 g]
- Product Weight: 0.85 oz [24 g]
- Product Width: 1.34 in [34 mm]
- General Specifications: Port Multiplier

- Compatible OS: Windows® 2000/XP/2003/Vista, Linux, Mac OS X 10.4.9, 10.4.10 and 10.5.1, Red Hat Enterprise Linux 4 Update 2, SUSE Linux Enterprise 9.0 SP2

