

1 Port ExpressCard Power eSATA Controller Adapter Card

Product 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.

Certifications, Reports and Compatibility

Applications

- Connects to eSATA SSD Flash drives, such as OCZ Throttle, Kangaru e-Flash drives and Ridata Racer series flash drives
- 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

- Enables you to power an external HDD enclosure that has compatible power eSATA (eSATA+USB) interface

Features

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

Hardware

| | |
|------------|-------------------------|
| Warranty | 2 Years |
| Ports | 1 |
| Interface | Power eSATA |
| Bus Type | ExpressCard |
| Card Type | 34mm ExpressCard |
| Chipset ID | Silicon Image - SiI3132 |

Performance

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|----------------------------|--------------------------------------|
| Maximum Data Transfer Rate | 3Gbps via eSATA, 480Mbps via USB 2.0 |
| Type and Rate | SATA 3 Gbit/s (SATA II) |
| Port Multiplier | Yes |
| Hardware Raid Supported | No |

Connector(s)

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|-------------------|-------------------------------------|
| Connector Type(s) | ExpressCard (34mm) |
| External Ports | Power eSATA (11 pin, eSATA/USB, 5V) |

Software



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|------------------|---|
| OS Compatibility | Windows 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server 2003, 2008 R2, 2012 Mac OS X 10.6 to 10.11 Linux 3.5.x to 4.4.x <i>LTS Versions only</i> |
|------------------|---|

Indicators

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|----------------|----------------|
| LED Indicators | eSATA Activity |
|----------------|----------------|

Environmental

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|-----------------------|---------------------------|
| Operating Temperature | 0C to 50C (32F to 122F) |
| Storage Temperature | -10C to 70C (14F to 158F) |
| Humidity | 5% to 95% RH |

Physical Characteristics

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|-------------------|----------------|
| Product Length | 4.3 in [11 cm] |
| Product Width | 1.3 in [34 mm] |
| Product Height | 0.6 in [15 mm] |
| Weight of Product | 0.8 oz [24 g] |

Packaging Information

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|---------------------------|------------------|
| Package Length | 6.3 in [15.9 cm] |
| Package Width | 1.3 in [34 mm] |
| Package Height | 5.3 in [13.4 cm] |
| Shipping (Package) Weight | 12.4 oz [350 g] |

What's in the Box

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|---------------------|--|
| Included in Package | ExpressCard eSATAp Card Driver CD Instruction Manual |
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**Product appearance and specifications are subject to change without notice.*