

## 2 Port Flush Mount ExpressCard 54mm eSATA II Controller Adapter Card

**Product ID:** ECESATA254F



The ECESATA254F Flush Mount 2-Port eSATA ExpressCard Adapter uses a unique slim 54mm form factor design that allows it to sit fully in a standard laptop ExpressCard/54 slot without sticking out. When installed, the ports sit flush with the sides of the laptop, creating a seamless add-on that can be left installed at all times, without fear that it or the card slot will be damaged due to snagging or impact.

The eSATA ExpressCard adapter features 2 independent eSATA ports, and is compatible with the latest high capacity SATA drives (SATA I, SATA II) with support for data transfer speeds up to 3 Gbps.

With support for Port Multiplier technology and hot-swap installation, the eSATA ExpressCard allows compatible multi-drive enclosures to be connected over a single eSATA cable, and devices can be connected and disconnected without having to reboot the system.

## Certifications, Reports and Compatibility

### Applications

- Add high speed eSATA connectivity to a laptop that lacks built-in eSATA ports
- Connect eSATA peripherals such as external hard drives and optical drives, at native SATA speeds

### Features

- Support for large capacity SATA drives through a 48-bit LBA
- PCI Express revision 1.0a compliant
- Two independent eSATA channels

- Unique, flush-mount slim ExpressCard/54 (54mm) form factor design
- Support for Legacy Command Queuing (LCQ) and Native Command Queuing (NCQ)
- Support for FIS-based Port Multiplier
- Plug-and-Play and hot-swap compatible
- Fully compatible with SATA revision (SATA 150, SATA 300) hard drives (HDD), solid state drives (SSD) and optical drives

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#### Hardware

Warranty	2 Years
Ports	2
Interface	eSATA
Bus Type	ExpressCard
Card Type	54mm ExpressCard
Chipset ID	Silicon Image - SiI3132

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#### Performance

Maximum Data Transfer Rate	3.0 Gbps
Type and Rate	SATA 3 Gbit/s (SATA II)
Port Multiplier	Yes
Hardware Raid Supported	No

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#### Connector(s)

Connector Type(s)	ExpressCard (54mm)
External Ports	eSATA (7 pin, Data)

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#### Software

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>
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**Special Notes / Requirements**

System and Cable Requirements	ExpressCard/54 slot
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**Power**

Power Source	Not Included (not required for standard applications)
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**Environmental**

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-65C to 150C (-85F to 302F)

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**Physical Characteristics**

Product Length	3.0 in [75 mm]
Product Width	2.1 in [54 mm]
Product Height	0.2 in [5 mm]
Weight of Product	0.8 oz [22.5 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.9 in [17.5 cm]
Package Width	5.7 in [14.5 cm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	3.1 oz [88 g]

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**What's in the Box**

Included in Package	eSATA ExpressCard
	Driver CD
	Instruction Manual

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