

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

StarTech 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.

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

- Unique, flush-mount slim ExpressCard/54 (54mm) form factor design
- Two independent eSATA channels
- Fully compatible with SATA revision (SATA 150, SATA 300) hard drives (HDD), solid state drives (SSD) and optical drives
- Support for FIS-based Port Multiplier
- Support for large capacity SATA drives through a 48-bit LBA
- Support for Legacy Command Queuing (LCQ) and Native Command Queuing (NCQ)
- PCI Express revision 1.0a compliant
- Plug-and-Play and hot-swap compatible

Technical Specifications

Warranty	2 Years
Ports	2
Interface	eSATA
Bus Type	ExpressCard
Card Type	54mm ExpressCard
Chipset ID	Silicon Image - SiI3132
Connector Type(s)	1 - ExpressCard (54mm)
External Ports	2 - eSATA (7 pin; Data) Plug
Maximum Data Transfer Rate	3.0 Gbps
Type and Rate	SATA II (3 Gbps)
Port Multiplier	Yes
RAID	No
OS Compatibility	Windows 2000/ XP(32/64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit) Linux
Product Length	3 in [75 mm]
Product Width	2.1 in [54 mm]
Product Height	0.2 in [5 mm]
Product Weight	0.8 oz [22.5 g]
Power Adapter Included	No
Operating Temperature	05/17/2012eg;C to 705/17/2012eg;C (325/17/2012eg;F to 1585/17/2012eg;F)
Storage Temperature	-655/17/2012eg;C to 1505/17/2012eg;C (-855/17/2012eg;F to 3025/17/2012eg;F)
System and Cable Requirements	ExpressCard/54 slot
Package Quantity	1
Shipping (Package) Weight	3.1 oz [88 g]
Included in Package	1 - eSATA ExpressCard
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

