

2 Port SATA 6 Gbps ExpressCard eSATA Controller Card

StarTech ID: ECESAT32



The ECESAT32 2 Port ExpressCard eSATA Controller Card (6 Gbps) offers simple connectivity between a laptop computer with ExpressCard slot and eSATA 3.0 devices - a cost-effective solution for connecting high-speed storage, such as High RPM Hard Drives and Solid State Drives (SSD), which in turn allows for easier data backups and archiving.

With full support for SATA 3.0 hard drives and data transfer speeds of up to 6 Gbps, the ExpressCard adapter features a native PCI Express single chipset that provides enhanced compatibility, reliability and performance for external SATA 600 MB/s storage needs.

The Expresscard is backward compatible with SATA 2.0 devices, providing the versatility to use older storage, and features support for RAID 0 and 1 modes as well as port multiplier capability with command-based and FIS-based switching for connecting multiple external hard drives to a laptop through a single external SATA connection.

Applications

- Add two eSATA 6Gbps capable ports to an ExpressCard-equipped laptop
- Connect high performing multi-drive external eSATA enclosures

Features

- Supports SATA Rev 3.0 transfer speeds up to 6.0Gbps and backward compatible with SATA I/II at 1.5/3.0Gbps
- Port Multiplier FIS-based and Command-based switching supported
- Supports RAID 0 and 1 modes
- Compliant with ExpressCard 2.0 standards
- Supports Native Command Queuing (NCQ) and ATA/ ATAPI commands
- Can be used with 34mm and 54mm ExpressCard slots
- Includes a bracket for adapting the 34mm card to fit into a 54mm card slot
- Plug and Play support

Technical Specifications

Warranty	Lifetime
Ports	2
Interface	eSATA
Bus Type	ExpressCard
Card Type	34mm ExpressCard
Chipset ID	Marvell - 88SE9128
Connector Type(s)	1 - ExpressCard (34mm)
External Ports	2 - eSATA (7 pin; Data) Plug
Maximum Data Transfer Rate	up to 6 Gbps
Type and Rate	SATA III (6 Gbps)
Port Multiplier	Yes
RAID	No
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
OS Compatibility	Windows XP(32/64bit)/Server 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2
Microsoft WHQL Certified	Yes
Product Length	4.4 in [112 mm]
Product Width	1.3 in [34 mm]
Product Height	0.8 in [21 mm]
Product Weight	1.4 oz [40 g]
Operating	55/19/2012eg;C to 505/19/2012eg;C (415/19/2012eg;F to 1225/19/2012eg;F)

Temperature

Storage Temperature -255/19/2012eg;C to 705/19/2012eg;C (-135/19/2012eg;F to 1585/19/2012eg;F)

Temperature

Humidity 15~90% RH

Note The maximum throughput of this card is limited by the bus interface. If used with ExpressCard Gen 1.0 enabled computers, the max throughput is 2.5 Gbps. If used with ExpressCard Gen 2.0 enabled computers, the max throughput is 5 Gbps.

Shipping Weight 7.4 oz [210 g]

(Package)

Weight

Included in Package 1 - eSATA ExpressCard

Package

Included in Package 1 - 34mm to 54mm adapter bracket

Package

Included in Package 1 - Driver CD

Package

Included in Package 1 - Instruction Manual

Package

Certifications, Reports and Compatibility

