

2 Port SATA 6 Gbps ExpressCard eSATA Controller Card

Product 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.

Certifications, Reports and Compatibility

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 Native Command Queuing (NCQ) and ATA/ ATAPI commands
- Compliant with ExpressCard 2.0 standards
- Includes a bracket for adapting the 34mm card to fit into a 54mm card slot
- Can be used with 34mm and 54mm ExpressCard slots
- Plug and Play support
- Supports RAID 0 and 1 modes

Hardware

Warranty	Lifetime
Ports	2
Interface	eSATA
Bus Type	ExpressCard
Card Type	34mm ExpressCard
Chipset ID	Marvell - 88SE9128

Performance

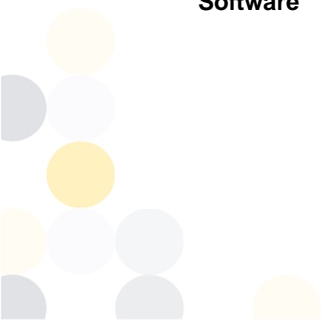
Maximum Data Transfer Rate	up to 6 Gbps
Type and Rate	SATA 6 Gbit/s (SATA III)
Port Multiplier	Yes
Hardware Raid Supported	No
Supported RAID Modes	RAID 0 (Striped Disks) RAID 1 (Mirrored Disks)

Connector(s)

Connector Type(s)	ExpressCard (34mm)
External Ports	eSATA (7 pin, Data)

Software

OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016
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Mac OS 10.6 to 10.12

Linux 3.5.x to 4.11.x <i>LTS Versions only</i>

Note: Connected drives cannot be used as System / Primary drive in Windows Server 2012, 2012 R2, 2016

Microsoft WHQL Certified Yes

Special Notes / Requirements

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.<p>Only one port can use the Port Multiplier feature at a time.</p>

Environmental

Operating Temperature	5C to 50C (41F to 122F)
Storage Temperature	-25C to 70C (-13F to 158F)
Humidity	15~90% RH

Physical Characteristics

Product Length	4.4 in [11.2 cm]
Product Width	1.3 in [34 mm]
Product Height	0.8 in [21 mm]
Weight of Product	1.4 oz [40 g]

Packaging Information

Package Length	8.7 in [22.2 cm]
Package Width	6.3 in [15.9 cm]
Package Height	1.8 in [44.5 mm]
Shipping (Package) Weight	7.4 oz [210 g]

What's in the Box

Included in Package	eSATA ExpressCard
	Driver CD



Instruction Manual

34mm to 54mm adapter bracket

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

