

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 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

Hardware	Warranty	Lifetime
	Bus Type	ExpressCard
	Card Type	34mm ExpressCard
	Chipset ID	Marvell - 88SE9128
	Interface	eSATA
	Ports	2
Performance	Maximum Data Transfer Rate	up to 6 Gbps
	Port Multiplier	Yes
	RAID	No
	Supported RAID Modes	RAID 0 (Striped Disks) RAID 1 (Mirrored Disks)
	Type and Rate	SATA III (6 Gbps)
Connector(s)	Connector Type(s)	1 - ExpressCard (34mm)
	External Ports	2 - eSATA (7 pin, Data) Plug
Software	Microsoft WHQL Certified	Yes
	OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 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
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. Only one port can use the Port Multiplier feature at a time.
Environmental	Humidity	15~90% RH
	Operating Temperature	5°C to 50°C (41°F to 122°F)
	Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Physical Characteristics	Product Height	0.8 in [21 mm]
	Product Length	4.4 in [112 mm]
	Product Weight	1.4 oz [40 g]
	Product Width	1.3 in [34 mm]

Packaging Information	Shipping (Package) Weight	7.4 oz [210 g]
What's in the Box	Included in Package	1 - eSATA ExpressCard 1 - 34mm to 54mm adapter bracket 1 - Driver CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.