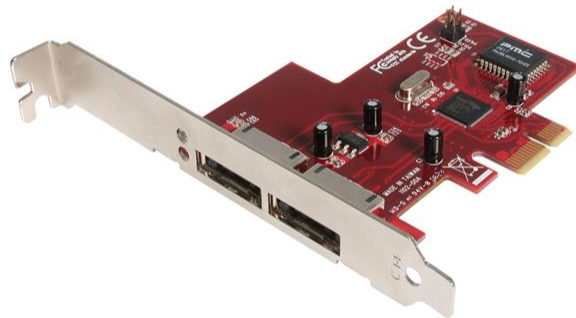


2 Port PCI Express eSATA Controller Adapter Card

Product ID: PEXESATA2



This 2 Port PCI Express eSATA Controller Adapter Card offers simple connectivity between a host computer and eSATA devices. Providing two eSATA ports the adapter card offers a cost-effective solution for connecting hot-pluggable, high-speed storage, and in turn allows for easier data backups and archiving.

With full support for SATA 300 (SATA II) hard drives and data transfer speeds of up to 3 Gbps, the adapter card features a native PCI Express single chipset that provides enhanced compatibility, reliability and performance for external SATA storage needs.

The PCI Express eSATA controller card also features port multiplier capability with command-based switching for connecting multiple external hard drives to a host Windows system through a single external SATA connection.

A dual profile solution, the eSATA controller card includes a low profile/half-height bracket for adapting to slimline or small form factor system applications.

Certifications, Reports and Compatibility

Applications

- Add eSATA capabilities for high speed external storage to a workstation or server
- Add Port Multiplier capable eSATA ports for expanded external storage capability
- Upgrade from slower external connection methods to native SATA connectivity

Features

- Includes a low profile/half-height installation bracket

- 2 external eSATA ports
- Uses native PCI Express single chipset
- Fully compliant with the Serial ATA 2.5 specifications with transfer rates up to 3.0Gbps
- Support for Native Command Queuing (NCQ)
- Large capacity drive support with 48-bit Logical Block Addressing (LBA)
- Drive Hot-Plugging support
- Support for FIS and Command-based Port Multiplier technology

Hardware

Warranty	Lifetime
Ports	2
Interface	eSATA
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Silicon Image - SiI3132

Performance

Maximum Data Transfer Rate	300 MB/sec (3.0 Gigabits/sec)
Type and Rate	SATA 3 Gbit/s (SATA II)
Port Multiplier	Yes
Number of Ports That Support Port Multiplier	2 (can use 2 PM at a time)
Number of Drives Supported Through Port Multiplier	1 to 8
Hardware Raid Supported	No
MTBF	3,141,188 hours
Supported Protocols	FIS Based Switching for an additional 1-5 ports Native Command Queuing (NCQ)



Legacy Command Queuing (LCQ)

Connector(s)

Connector Type(s)	PCI Express x1
External Ports	eSATA (7 pin, Data)

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

Note	PCI Express 1.1 and is compatible with a PCI Express 2.0 slot Port Multiplier not supported in Mac OS
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Environmental

Operating Temperature	5C to 50C (41F to 122F)
Storage Temperature	-25C to 70C (-13F to 158F)
Humidity	20~80% RH

Physical Characteristics

Product Length	4.7 in [12 cm]
Product Width	3.5 in [90 mm]
Product Height	0.8 in [20 mm]
Weight of Product	2.4 oz [67.9 g]

Packaging Information

Package Length	8.7 in [22 cm]
Package Width	6.3 in [16 cm]
Package Height	1.9 in [48 mm]
Shipping (Package) Weight	5.6 oz [160 g]



**What's in the
Box**

Included in Package	eSATA PCI Express Card
	Installation CD
	Instruction Manual
	Low Profile Bracket

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

