

## 1 Port eSATA + 1 Port SATA II PCI Express SATA Controller Card

StarTech ID: PEXESATA2I



This PCI Express SATA Controller Card allows you to turn a PCI Express (1x) slot into one internal SATA and one external SATA (eSATA) connection. Supporting SATA 300 (SATA II) hard drives and data transfer rates of up to 3Gbps, this controller card is the perfect solution if you need an extra SATA port or want to externalize your storage.

The controller card is designed based on a native PCI Express single chipset that provides enhanced compatibility, reliability and performance for your external storage needs. Plus, PEXESATA2I features Port Multiplier support with command based switching for connecting multiple external hard drives to host PC or Mac Desktop through one eSATA connection.

### Applications

- Add both SATA and eSATA capabilities for connecting high-speed storage to a workstation or server
- Add a Port Multiplier capable eSATA port for expanded external storage capability
- Upgrade from slower external connection methods to native SATA connectivity
- Expand on a full or low profile/small form factor (SFF) computer's storage capabilities

### Features

- 1 external eSATA port and 1 internal SATA port
- Support for FIS and Command-based Port Multiplier technology
- 48-bit Logical Block Addressing (LBA)
- Drive Hot-Plugging support
- Support for Native Command Queuing
- Fully compliant with the Serial ATA 1.0 specifications with transfer rates up to 3 Gbps
- Uses native PCI Express (single) chipset
- Includes a low profile/half-height installation bracket

## Technical Specifications

Warranty	Lifetime
Ports	2
Interface	eSATA
Interface	eSATA & SATA
Bus Type	PCI Express
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	JMicron - JMB366
Connector Type(s)	1 - PCI Express x1 Male
Internal Ports	1 - SATA (7 pin; Data) Plug
External Ports	1 - eSATA (7 pin; Data) Plug
Maximum Data Transfer Rate	3Gbps
Type and Rate	SATA II (3 Gbps)
Port Multiplier	Yes
RAID	No
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
OS Compatibility	Windows 2000/ XP(32/64bit)/ Server 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2, Linux, and Mac OS 10.4.x, 10.5.x
Product Length	4 in [102 mm]
Product Width	4.7 in [120 mm]
Product Height	0.8 in [20 mm]
Product Weight	1.6 oz [44.2 g]
<b>Note</b>	2.0 compliant/compatible with 2.0 slots for PCI Express
Shipping (Package) Weight	0.3 lb [0.1 kg]
Included in Package	1 - PCI Express eSATA Card
Included in Package	1 - Low Profile Bracket
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

