

2 Port Mini PCI Express Internal SATA II Controller Card

Product ID: MPEXSATA22I



The MPEXSATA22I 2-Port Mini PCIe to SATA Controller Card lets you add 2 SATA 3Gbps connectors to a small form factor or embedded system, through a Mini PCI Express (Mini Card) expansion slot.

Perfect for upgrading the capabilities of a system that would typically have a very limited number of internal ports, the Mini PCIe to SATA controller card is compatible with all types of Serial ATA devices, including hard drives (HDDs), Solid State Drives (SSD), and optical drives (CD/DVD/BD).

A versatile solution for internal storage applications, this PCI Express to SATA controller card features built-in RAID support (JBOD, BIG, RAID 0, RAID 1), and is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Add additional SATA ports to systems with mini PCI Express slots, such as some mini-ITX and smaller boards
- Add RAID support to small form factor or embedded system builds

Features

- Two independent SATA channels
- Fully compatible with SATA revision 1 & 2 hard drives (HDD), Solid State Drives (SSD) and optical drives (CD/DVD/BD)
- Full length Mini PCI Express form factor

- Support for large capacity SATA drives through a 48-bit LBA
- Support for Legacy Command Queuing (LCQ) and Native Command Queuing (NCQ)
- Compliant with PCI Express Mini Card specification 1.2
- Plug-and-Play and hot-swap compatible
- Built-in RAID support (JBOD, BIG, 0, 1)

Hardware

Warranty	2 Years
Ports	2
Interface	SATA
Bus Type	mini PCI Express
Card Type	Embedded
Chipset ID	Silicon Image - Sil3132

Performance

Maximum Data Transfer Rate	3.0 Gbps
Type and Rate	SATA 3 Gbit/s (SATA II)
Port Multiplier	No
LBA support	48-bit
Hardware Raid Supported	Yes
Supported RAID Modes	JBOD - (Just a Bunch of Disks) RAID 0 (Striped Disks) RAID 1 (Mirrored Disks) BIG (Spanning or Concatenation)

Connector(s)

Connector Type(s)	Mini PCI Express x1 (52 pin)
Internal Ports	SATA (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><i>LTS Versions only</i>
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	Note: The MPEXSATA22I does not support RAID when used in a Linux operating system

Special Notes / Requirements

System and Cable Requirements	Full length Mini PCI Express slot
Note	The MPEXSATA22I does not support RAID when used in a Linux operating system

Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-65C to 150C (-85F to 302F)

Physical Characteristics

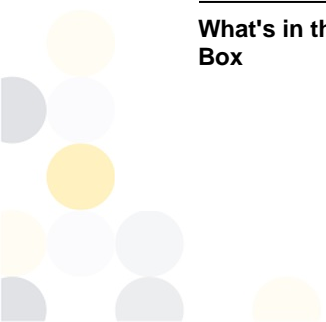
Product Length	2.0 in [50 mm]
Product Width	1.2 in [30 mm]
Product Height	0.2 in [4 mm]
Weight of Product	0.3 oz [7.8 g]

Packaging Information

Package Length	8.3 in [21 cm]
Package Width	5.7 in [14.5 cm]
Package Height	1.6 in [40 mm]
Shipping (Package) Weight	4.6 oz [131.0 g]

What's in the Box

Included in Package	Mini PCIe SATA Card
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Driver CD

SATA cable - 50 cm

Instruction Manual

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

