

2 Port Mini PCI Express Internal SATA II Controller Card

StarTech 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.

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

Technical Specifications

Warranty	2 Years
Bus Type	Mini PCI Express
Card Type	Embedded
Chipset ID	Silicon Image - Sil3132
Interface	SATA
Ports	2
LBA support	48-bit
Maximum Data Transfer Rate	3.0 Gbps
Port Multiplier	No
RAID	Yes
Supported RAID Modes	BIG (Spanning or Concatenation)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
Type and Rate	SATA II (3 Gbps)
Connector Type(s)	1 - Mini PCI Express x1 (52 pin) Male
Internal Ports	2 - SATA (7 pin; Data) Plug
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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System and Cable Requirements	Full length Mini PCI Express slot
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-65°C to 150°C (-85°F to 302°F)
Product Height	0.2 in [4 mm]
Product Length	2 in [50 mm]
Product Weight	0.3 oz [7.8 g]
Product Width	1.2 in [30 mm]
Shipping (Package) Weight	4.6 oz [131 g]

Included in Package	1 - Mini PCIe SATA Card
Included in Package	2 - SATA cable - 50 cm
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

