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

RoHS Compliant

Windows 11 | Windows 10 | Windows 8 | Windows 7 | Windows Server 2012 | Mac OS El Capitan | Mac OS Yosemite | Mac OS Mavericks | Linux

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

Hardware

Warranty	2 Years
Ports	2
Interface	SATA
Bus Type	mini PCI Express
Card Type	Embedded
Chipset ID	Silicon Image - SiI3132

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)	1 - Mini PCI Express x1 (52 pin)
	Internal Ports	2 - SATA (7 pin, Data)
Software		
	OS Compatibility	Windows 2000, XP, Vista, 7, 8, 8.1, 10, 11 Windows Server 2003, 2008 R2, 2012 Mac OS X 10.6 to 10.11 Linux 3.5.x to 4.4.x LTS Versions only 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 [3 cm]
	Product Height	0.2 in [0.4 cm]
	Weight of Product	0.3 oz [7.8 g]
Packaging Information		
	Package Quantity	1
	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	1 - Mini PCIe SATA Card
		2 - SATA cable - 50 cm
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.