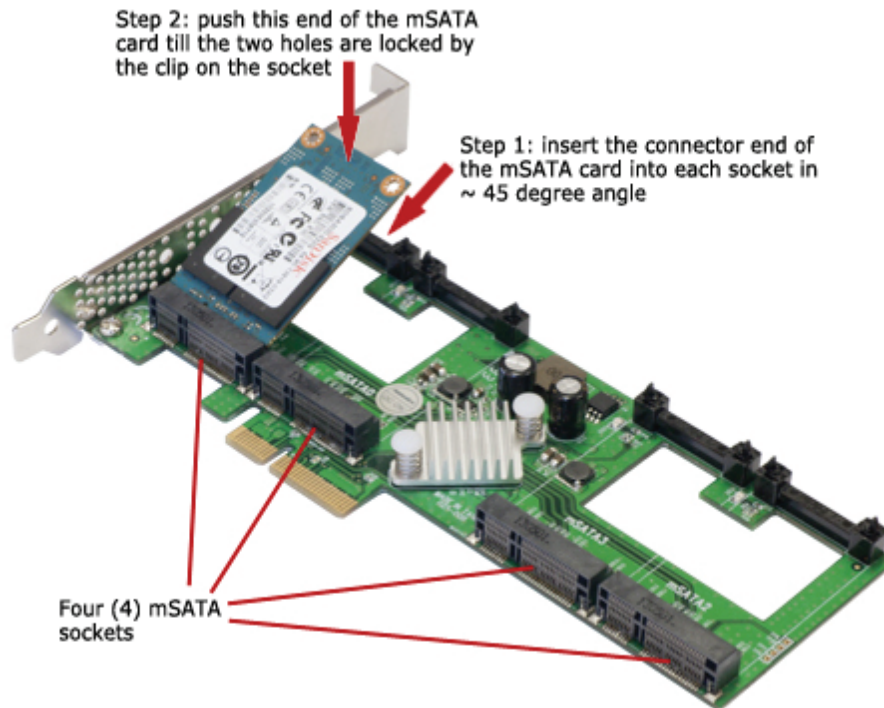


INTRODUCTION

This Quad mSATA PCIe SSD is a PCIe add-on card that supports connecting as many as four mSATA cards into any Desktop PC. Designed for installing in a PCI Express 4, 8 or 16 lanes slot, the four mSATA cards can be configured to function as 4 individual drives. They can be set up as a RAID 10, as two RAID1 volumes or as a RAID0 volume - a large capacity and high performance solid state drive (SSD), .

The Quad mSATA PCIe SSD supports SATA 3.0 with a maximum data rate of 6 Gbps. It can be used as an OS drive to significantly improve the boot time and overall system performance. The Quad mSATA PCIe SSD is a great solution for creating your own SSD storage by taking advantage of the commercially available mSATA cards.



note: mSATA card shown in the picture is for illustration purpose only and is not part of the product

FEATURES

- Build your own SSD using commercially available mSATA cards
- Add high capacity, fault tolerant and high performance SSD to any Desktop PC or server
- Reduce system boot time and Increase system overall performance
- Add SSD to Desktop PC via PCIe 4, 8 or 16-lane slot
- Install onto standard height or low profile system (come with low profile bracket)
- Install from one to four mSATA cards
- The four mSATA cards can be used as four independent drive or as RAID storage
- Support following RAID levels: 0, 10, large or two RAID 1 volumes
- Maximum throughput up to 6Gbits/sec
- Supported OS: any OS with built-in AHCI driver*, Windows XP (driver required)

* All modern OSs such as Windows 7, 8, Mac OS 10.6 and later and the latest Linux kernel comes with AHCI support

SPECIFICATIONS

- On board four 52-Pin mSATA sockets with card retaining clip
- 6Gbps SATA III 4 Ports PCIe Gen2 4 Lane Host Adapter
- PCIe 1.0 and PCIe 2.0 compatible
- Fully compliant with Serial ATA specifications 3.0
- Support SATA transfer rate of 6.0Gbps, 3.0Gbps, 1.5Gbps
- Support Native Command Queuing (NCQ)
- Low Profile PCIe Form Factor
- Includes PCIe low Profile and regular size brackets
- Compatible with OS that has built-in AHCI driver
- Dimension (L x W x H): ~ 166.6 x 56 x 14 mm. (6.56 x 2.2 x .55 in.) without the mounting bracket
- Weight: ~ 69 g (2.43 oz)
- Operating temperature range: 0 °C to +60 °C
- Operating humidity range: 5% to 90%
- Storage temperature range: -40 °C to +70 °C
- Storage humidity range: 5% - 95% (non condensing)