

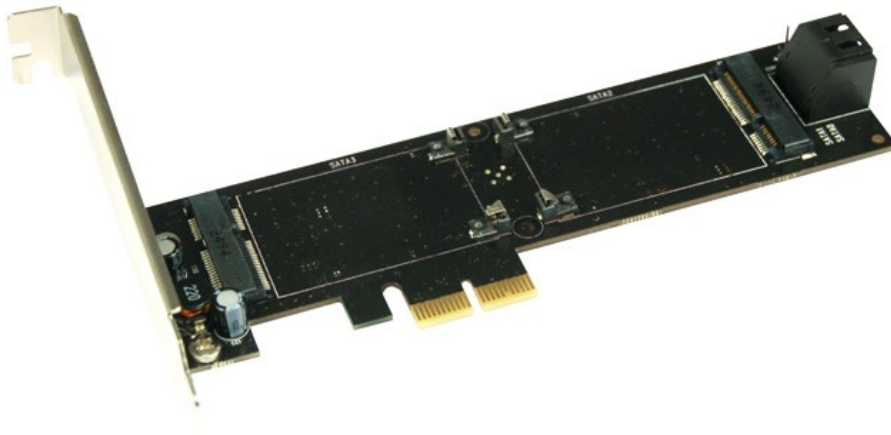


A-560 PCIe mSATA+SATA 4 Channel 6G Adapter

Ordering Code: A-560

Part No: IE-M19-B304-00-00012

DoorNet Tech P/N: 772360

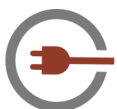


A-560 is a single-chip, PCI Express to four SATA Gen III 6Gb/s channels host controller that brings server-class features to the desktop.

Configured with one hard drive and one SSD, the breakthrough technology HyperDuo uses intelligent algorithms to automatically migrate hot data to the SSD, while enabling all data to be safely stored on a larger capacity SATA HDD.

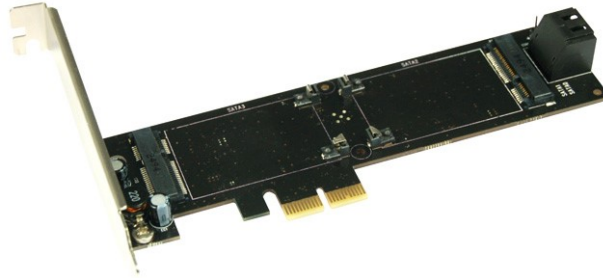
HyperDuo enables 80% of the performance of a SSD at one-third the cost. Besides, PCI Express 2.0 double the bandwidth of the existing PCI Express bus for faster data throughput. Each PCI-Express 2.0 lane provides up to 5Gb/s of throughput.

Using the onboard RAID firmware, the 4 SATA drives attached to this controller can be easily configured as 4 individual drive with no RAID or with RAID 0, RAID 1, RAID 10, HyperDuo.



**DoorNet Tech**

ST-LAB ISRAEL | 08-9791383 | [WWW.ST-LAB.CO.IL](http://WWW.ST-LAB.CO.IL)

**Features:**

- Two 7Pin SATA connectors and two mSATA (mini PCIe) socket on board
- Mounts two mSATA SSDs and two SATA HDDs in PCIe slot
- Compliant with PCI-Express Specification v2.0 and backward compatible with PCI-Express 1.x
- Compliant with Serial ATA Specification 3.0
- PCI Express x2 interface, and compatible with PCI Express x4, x8 and x16 slots
- Supports communication speeds of 6.0Gbps, 3.0Gbps, and 1.5Gbps
- Hot plug and Hot Swap
- Supports Native Command Queuing (NCQ)
- Support ATA and ATAPI commands
- Supports Port Multiplier
- Compatible with SATA 6G, 3G and 1.5G Hard Drives
- Support RAID function: RAID 0, RAID 1, RAID 10 and HyperDuo

**System Requirements:**

- PCI Express x4, x8 or x16 slot
- Windows® XP/Vista/7/8/8.1/10

**Package Contents:**

- 1 x mSATA + SATA PCIe Card
- 1 x Driver CD
- 1 x User Manual
- 1 x SATA Cable

