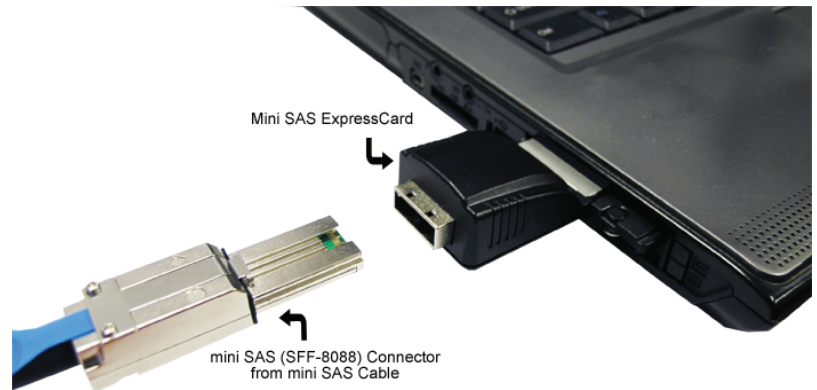


### INTRODUCTION

This mini SAS ExpressCard adapter supports connecting up to four SATA devices via an external mini SAS (SFF-8088) connector to a ExpressCard 34/54 slot on a Notebook computer. The controller supports throughput up to 6Gbps when installed into ExpressCard 2.0 slots on a Notebook computer. Together with Addonics' family of mini SAS cables, Notebook users can enjoy the fastest performance with any external storage devices using mini SAS connection.



### FEATURES

- Connect up to four SATA drive to ExpressCard slot via a single mini SAS cable
- Fully compliant with SATA III, SATA II and SATA 1.0 standard
- Maximum 6Gbits/sec\*
- Port Multiplier compatible
- Support connecting up to 7 drives when combine with a Port Multiplier (limited to one PM that is set to individual drive configuration)
- Maximum one RAID volume or 7 individual drives
- RAID setting via the built-in RAID firmware utility during system boot up or via a Windows utility
- Built-in RAID accelerator for fast performance
- Includes an additional 34mm to 54mm bracket for solid fitting to ExpressCard/54 slot
- Hot swappable - drive can be removed and added without system shut down or restart \*\*
- Supported OS: 64bit / 32bit Windows 8, Win7, Vista, 2008, 2012, Linux and Mac 10.x with built-in AHCI inbox driver support, no additional driver required
- Software driver for Windows XP 32/64-bit

\* To achieve the maximum throughput, the ExpressCard slot must be version 2.0 or higher. Older Notebook with ExpressCard 1.0 will limit the speed to 2.5 Gbps. Performance per port may decrease if all four ports are transferring data simultaneously due to the limited throughput of the ExpressCard slot.

\*\* Hot swapping hard drive has been tested on Windows OS only.

### SPECIFICATIONS

- 6Gbps SATA III 4 Ports ExpressCard Adapter
- Four SATA in one SFF-8088 external mini-SAS connector
- Supports ExpressCard/34 and ExpressCard/54
- Compliant with ExpressCard 2.0
- Marvell 88SE9230
- Supports SATA III transfer rate of 6.0Gbps, 3.0Gbps, 1.5Gbps
- Supports SATA I & SATA II & SATA III HDD, SSD, Optical Drive and Blu-Ray Drive
- Supports ATA and ATAPI commands
- Supports Native Command Queuing (NCQ)
- Supports totally max 7 drives or one RAID volume connected
- Supports max one SATA FIS-based or Command-based Port Multiplier and max 4 drives connected to PM for individual drive configuration
- Hot-plug capability
- 64bit / 32bit Windows 8, Win7, Vista, 2008, 2012, Linux and Mac 10.x built-in AHCI inbox driver support, no additional driver required
- Supports Windows XP driver
- Fully RoHS compliant