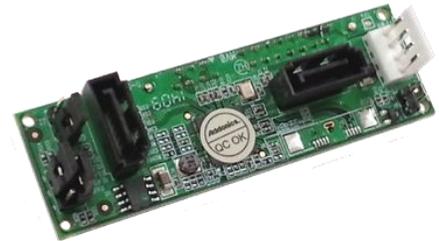
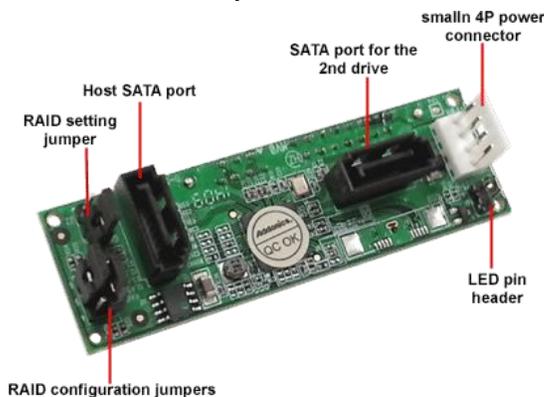


INTRODUCTION

This Drive-mount 2-port 6G HPM is a 2-drive hardware Port Multiplier designed to mount directly onto the back of any hard drive or SSD equipped with a standard combo 22-pin SATA power and data connector. The adapter does not occupy a PCI slot or requires any special mounting bracket to install. A second drive is connected to the device port of this HPM which then connects the two drives to a single SATA port. This is an economical solution to quickly create a set of mirror drives for drive redundancy or real time drive back up application. It is also a simple solution to increase the performance of your storage by stripping the two drives together. Or the two drives can be used as independent drives by connecting to a PM compatible SATA port.



Host side of the adapter



Drive side of the adapter



Installing the adapter onto the back of a 3.5" hard drive



Connecting two drives to the adapter



Connecting two Mobile Racks to the adapter



FEATURES

- Mount directly onto the back of a SATA hard drive or a Mobile Rack equipped with the standard 22-pin SATA power and data combo connector
- Connect up two SATA hard drives or SSD to a single SATA port
- Up to 6 Gbits/sec when connecting to SATA 3.0 port supporting this speed
- Support RAID 1, 0, Large or individual drive settings
- RAID setting via onboard jumpers
- Individual drive setting requires connecting to PM compatible controller
- Support hot swap
- Compatible with any SATA hard drive or SSD
- OS Support: depends on the attached SATA port

*For a comparison of features on our family of Port Multiplier, please review the comparison chart in the PM tutorial page.

SPECIFICATIONS

- Connectors:
 - Drive side - 22-pin female combo SATA power and data connector
 - Host side - one SATA male host port and one SATA male device port
- Full support for FIS-based switching and command-based switching SATA host controllers
- Auto-negotiation support for 1.5Gbps, 3.0Gbps and 6.0Gbps SATA speed
- Compliant with SATA 1.0, 2.0 and 3.0 specification
- LED Pin Headers for drive activity
- Small 4-pin Molex power connector
- Power consumption ~ 200 mA at 5V
- OS independent
- Maximum PCB dimension (W x L x H): ~ 23 x 75 x 21 mm (.91 x 2.95 x .83 in.)
- Weight: ~ 12 gm (0.42 oz)
- Operating temperature and humidity: 0 - 60 °C, 5 - 90 % RH
- Storage temperature and humidity: -20 - 70 °C, 0 - 95 % RH non-condensing