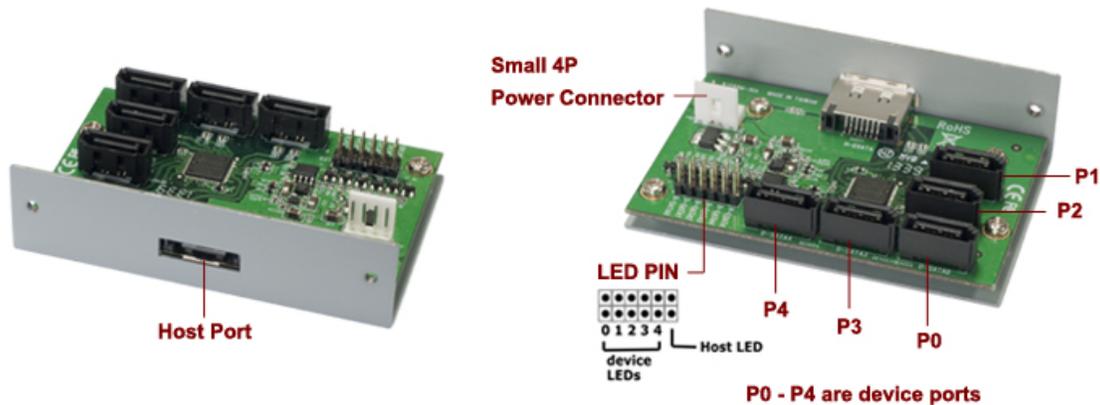


INTRODUCTION

This latest Addonics 6G Rack Mount Port Multiplier (PM) connects up to 5 SATA hard drives or SSD to a computer using one eSATA connection at SATA III speed of 6Gbps. The PM is mounted on a rack-mount bracket that fits perfectly into the Addonics family of Storage Tower and many standard drive enclosure with SCSI-I (Centronic 50) punch out. The five drives connected to this PM appears as individual drives to the OS when connecting to a PM compatible eSATA port on a computer. The five drives can be set up as a single RAID volume using the RAID utility of the OS or the host controller. When multiple PMs are combined with Addonics 4-Port eSATA controller, you can attach to many Desktop or server computer a whopping 20 SATA hard drives to your computer via one host controller!



The 6G Rack Mount Port Multiplier can be installed onto a standard add-on card slot with an optional PCI Converter Bracket (PCISCBKT), allowing any desktop PC case to be used as a hard drive storage chassis.



FEATURES

- Connect up to 5 SATA HDD/SSD or optical drives to a computer via a single eSATA port
- Up to 6 Gbits/sec when connecting to eSATA 3.0 port supporting this speed
- Compliant with SATA 1.0, 2.0 and 3.0 specification
- Require PM compatible eSATA port or host controller (SATA port with no PM support can detect only the drive connecting to port 0)
- Designed to be mounted onto Addonics family of Storage Tower, Storage Rack or chassis with SCSI-I (Centronic 50) punch-out
- Can be installed onto a standard add-on card slot - requires optional PCI Converter Bracket (PCISCBKT)
- Drives appear as five individual drives to the system (in simultaneous data transfer, the maximum data transfer is that of the slowest member of the five drives)
- Drives can be set to RAID via the software utility of the OS or the host controller
- Support hot swap
- Compatible with any SATA hard drive, SSD or SATA optical drives
- OS Support: depends on the attached SATA port

SPECIFICATIONS

- Five (5) SATA port for device connection and one (1) eSATA port for host connection
- Full support for FIS 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 Host & devices
- Small 4-pin Molex power connector
- Power consumption ~ 200 mA at 5V
- OS independent
- Maximum PCB dimension (W x L x H): ~ 56 x 84 x 24 mm (2.2 x 3.3 x .94 in.)
- Weight: ~ 78 gm (2.75 oz)
- Operating temperature and humidity: 0 - 60 °C, 5 - 90 % RH
- Storage temperature and humidity: -20 - 70 °C, 0 - 95 % RH non-condensing