

1-to-5 SATA2 Port Multiplier Adapter

Installation Guide

1. Introduction

Thank you for purchasing this SATA2 Port Multiplier Adapter. It is designed to provide a high performance link between a single SATA2 host port and 5 SATA device ports. With its unique data aggregation and 3Gbps serial link capacity, it supports 5 SATA or SATA2 devices with auto-negotiation features over one single eSATA connector.

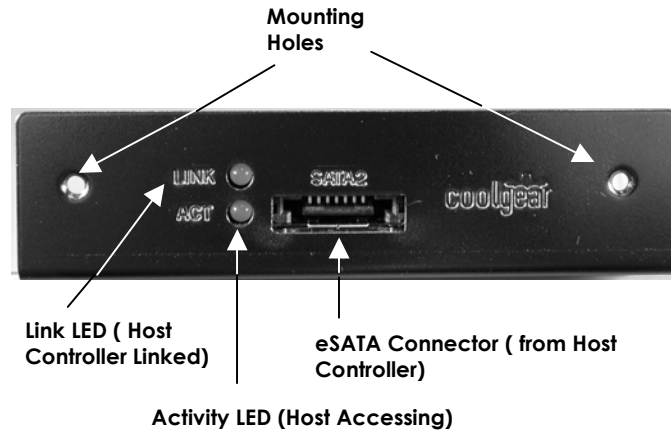
The adapter is equipped with a “SCSI” like bracket to be mounted in a standard enclosure to provide the immediate upgrade of your storage system. Its major features as follows:

Features:

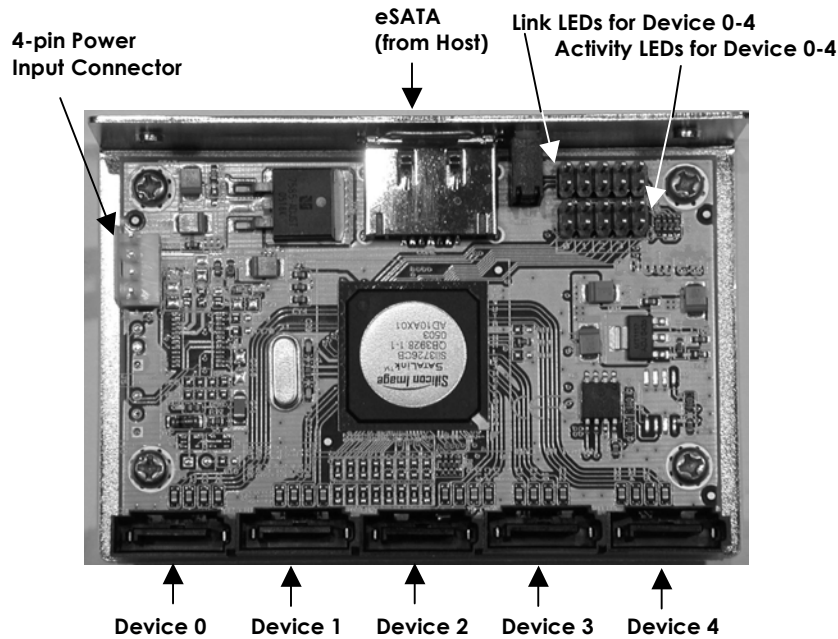
- ✓ 1-to-5 Native SATA Port Multiplier
- ✓ Provides an eSATA host and 5 SATA device connectors
- ✓ Full support for FIS-based switching and command-based switching SATA host controllers.
- ✓ Advanced data aggregation architecture for ultra-fast read and write operations with FIS-based switching controllers.
- ✓ High-speed, native SATA connection to host and devices.
- ✓ Provides link and activity LED connectors.
- ✓ Supports 1.5Gbps and 3.0Gbps with auto-negotiation

2. Front Panel and Board Layout

2.1 Front Panel Layout:

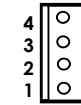


2.2 Board Layout:

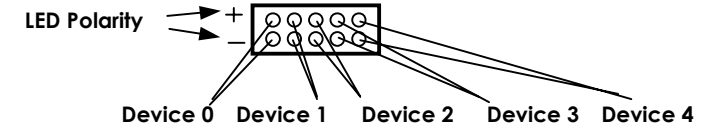


● Power Connector Pinout:

Pin#	Signals
4	+5V
3	GND
2	GND
1	Unused



● Device LEDs (Link and Activity):



3. Installation

The following figure shows the cable connections of the SATA2 Port Multiplier Adapter:

