Dual SATA Bay Enclosure

HD-3206-SRD

1. Overview

Dual Bay Enclosure, HD-3206-SRD, is a powerful case with USB2.0 and eSATA combo interface. Supporting two SATA HDDs at once meets the need for larger storage capacity. In addition, HD-3206-SRD give more function for Raid 0, Raid 1 and RAID1+BIG. Users can have a double capacity enclosure and operate file storage integration under high security mode. By ease of choice by Raid 0, Raid 1, RAID1+BIG, JBOD & BIG, HD-3206-SRD is utilized with efficient data storage. Easy to install, suitable size from well design, and great cooling efficiency, HD-3206-SRD brings you a pretty dual bay enclosure, unique from general enclosures.

2. Features

- ✧ Universal fitting for dual 3.5" SATAI/II HDD
- ✧ Back panel Power ON/OFF switch
- ✧ Back panel Fan ON/ODD switch
- ✧ eSATA Plug & Play with PCI express card
- ✧ Ultra speed up to SATA II 3Gbps
- ✧ Support SATA1.0 SATA2.0 specification
- ✧ Embedded system: JBOD, BIG, Raid 0, Raid 1, SAFE33, SAFE50
- ✧ System Integration: JBOD+RAID1(SAFE33/55)
- ✧ Raid function used on USB2.0 and eSATA specification
- ✧ SATA to USB2.0 and eSATA specification
- ✧ AC input: 100-240 VAC.
- ✧ DC output: 12V, 4.2A, 50W output
- ✧ 5cm internal fan
- ✧ Raid 0 : formulated by summation of 2 SATA HDD capacity
        Boost of data processing R/W
- ✧ Raid 1 : Data Mirroring
        Data Protection and backup

JBOD	Just a bunch of Drives- R/W each HDD independently FAT format: integrated evenly on both HDD Sum of dual HDD capacity
RAID 0	RAID : R/W on both HDD simultaneously FAT format: integrated evenly on both HDD Sum of dual HDD capacity
RAID 1	RAID: Mirroring on both HDD simultaneously FAT format: integrated on both HDD Half of HDD capacity
RAID1 + BIG	RAID: Mirroring on both HDD simultaneously (Safe33/50) BIG: R/W HDDs as one single large HDD

3. Package Contents

HD-3206-SRD is packed with a colored box. The enclosed item of HD-3206-SRD package lists as below:

1. HD-3206-SRD Unit
2. AC Power Adapter
3. USB Cable
4. eSATA Cable
5. eSATA PCI Express Card (hot swappable eSATA enhancement)
6. Stand
7. User manual

4. Specification
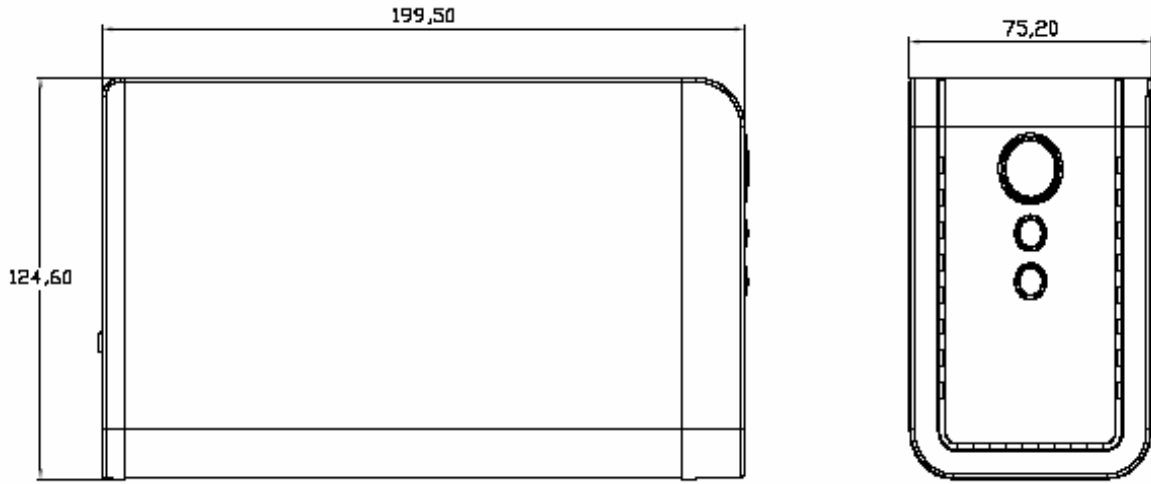
Electronics description

HD-3206-SRD applies Sil5744, which is a native SATA II storage processor, for eSATA and USB host to dual HDD with ultra speed up to 3Gbps with auto-negotiation.

Also, Sil5744 conveys patented system specification on DATA Mirroring (Raid1) by safe33/55 configuration, DATA Striping (Raid 0), & JBOD

Mechanical description

HD-3206-SRD is designed in Rigid aluminum and plastic panels. Blue and LED indicators are located at the front to vigorously display the status of Power/HDD1/HDD2 status. The size of the enclosure is 199x25x75mm.

5. Installation Guide

STEP1 :

Release the 4 screws then pull out the rear panel and tray.
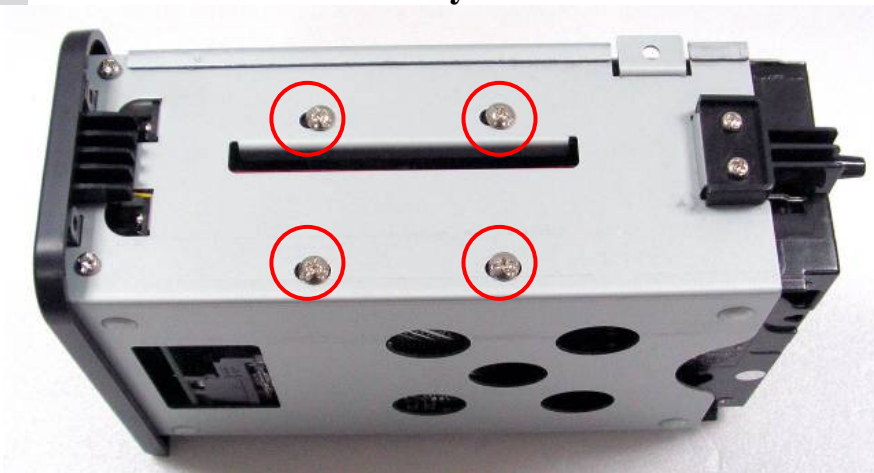
STEP2: **Place the first HDD into the tray. Push the HDD to connect the SATA connector.**

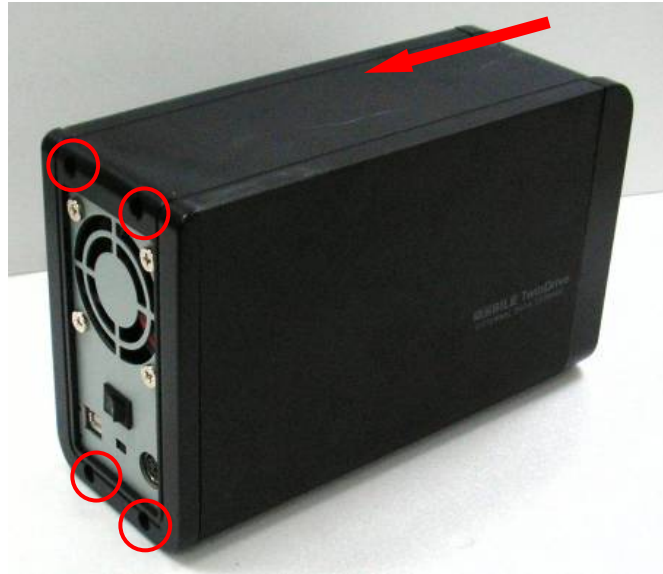**STEP3:** **Place the second HDD into the tray. Push the HDD to connect the SATA connector.**

STEP4: **Screw the HDD on the tray both sides.**

STEP5: Push the tray into the aluminum case. Screw the rear panel and enclosure together.

6. Agency Approvals

FCC/CE Compliant
RoHS certified

7. OS Supports

1. Win2000-------------------------------- Window Native Driver
2. Win-ME--------------------------------Window Native Driver
3. Win-XP---------------------------------Window Native Driver
4. Win-Vista------------------------------Window Native Driver
5. MAC OS 9.0 and later ------------------Mac Native Driver support
6. Linux with Kernel 2.4.1.0 or above ---- Linux Native Driver Support

8. Packaging

OEM packaging is available upon requests.