

**Internal 5-in-3 Non-RAID Enclosure,
Native SAS / SATA
w/ 10* SATA 7-pin Connectors
(5 Primary Ports , 5 Secondary Ports)**



User's Manual

1. Product Overview

Features:

- * Aluminum housing, anodized surface, benefits for cooling and durability
- * Small, compact, and light weight
- * Backplane design for integrating five removable 3.5" SAS/SATA drive trays in three 5.25" Space
- * Swappable cooling fan for self-contained ventilation
- * Individual key lock of each HDD tray for physical security
- * LED indicators for power and activity on each HDD tray
- * LED indicators for drive fail signal through host pin connection
- * Environmental monitoring with FAN/TEMP LED indicators and MUTE button

Descriptions:

It is a four Bay Hot-Swap Serial Attached SCSI / Serial ATAII Enclosure featuring environmental monitoring. It provides a low cost and high performance internal data backup solution; It will bring the convenience of data back up ability by SAS/SATA interface.

Specifications:

Host Interface	SAS, SATAII (Dual-Loop Signal Support)
HDD Interface	SAS, SATAI/II
Data Transfer Rate	3.0 Gbps
Hot-Swap	Both on Host and Device
LED Display	White – Power on indicator Blue – Busy (HDD Accessing) indicator Red – Fail indicator ※ Fail HDD detection only works when HBA card can support pin connection for the indicators
Alarm	Mutable buzzer for FAN/TEMP error.
LED Display for Environmental Monitoring	POWER on LED - white FAN normal – green; fail – red (too slow rpm or stop) TEMP normal – green; over 55°C – red ※ We strongly recommend customers to replace a new fan ASAP after the fan failed.

Cooling	One 80 x 80 x 25 mm Swappable Cooling Fan
Dimension	<ul style="list-style-type: none"> - Including Fan: 22.0(D) x 14.6(W) x 12.6(H) cm - Excluding Fan: 19.3(D) x 14.6(W) x 12.6(H) cm
Material	Anodized Aluminum with plastic front panel & Plastic tray face
Power connector	Two 4pin power connectors for +5V and +12V power input
O.S. support	OS independent
<p>Package Content:</p> <ul style="list-style-type: none"> - Enclosure x 1 - HDD Tray x 5 - Manual CD-ROM x1 - Hard Disk Drive mounting screw x 20 - Key for HDD tray x 2 	

2. Quick Installation Guide

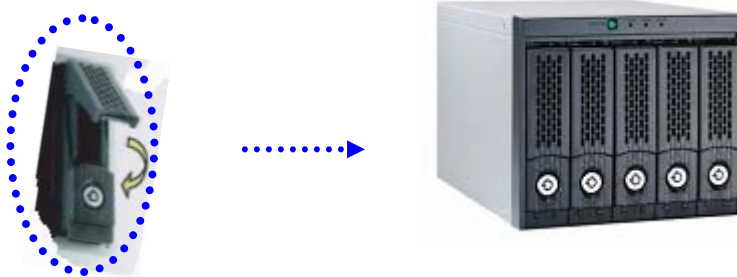
1. Press slide lock down



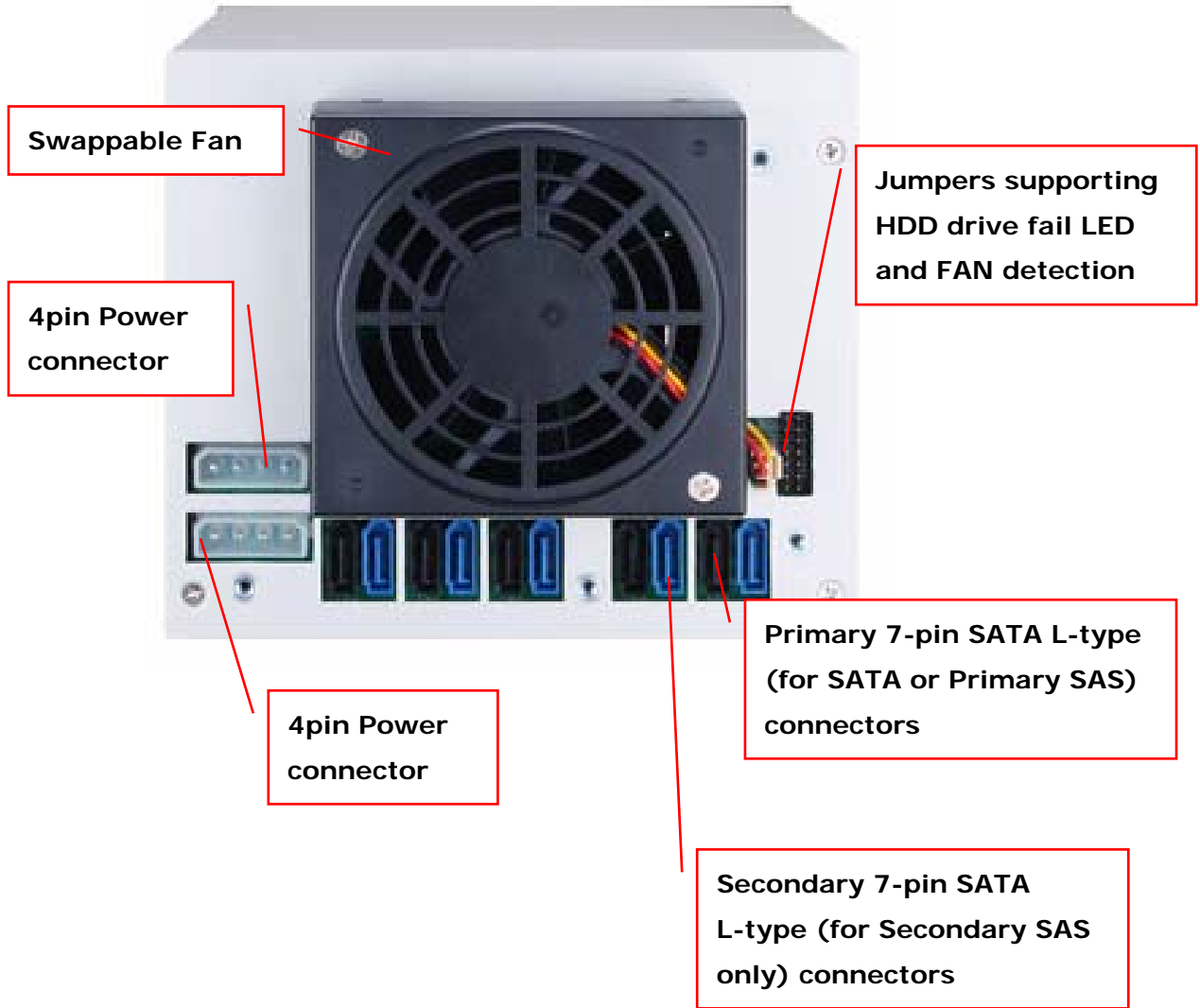
2. Attach screws



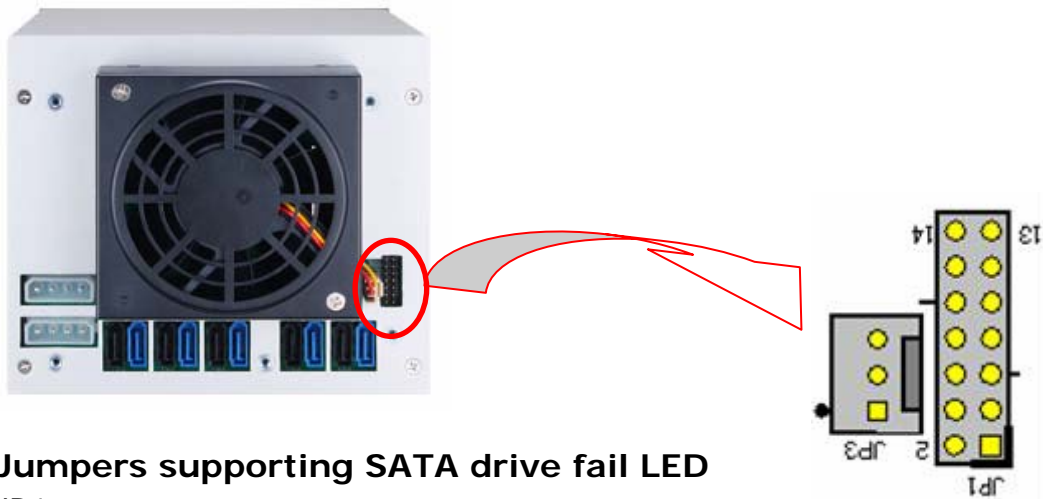
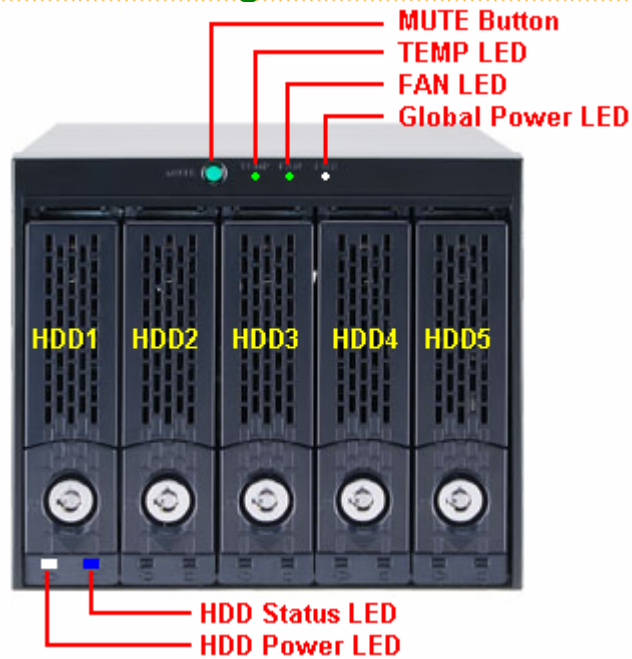
3. Press tray handle on Sliding the tray with hard drive into the enclosure



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- a. Connect data cables from Host to DEVICE. (black connectors are primary SAS ports or SATA ports)
 - b. Connect both 4-pin power cords.



3. Drive configuration and Pin Assignments



Jumpers supporting SATA drive fail LED

JP1

Pin 1,3,5,7,and 9 – GND

Pin 2,4,6,8 and 10 – HDD Fail LED input (Active Low)

Jumpers supporting FAN detection

JP1

Pin [11,12] – Enable/Disable Fan Detection

Open: Enable

Close: Disable

Pin [13,14] – Enable/Disable Temperature Detection

Open: Enable

Close: Disable

Jumpers connecting to FAN

JP3