



Thank you for your purchase of EchoStreams eDrawer4048J Storage System!

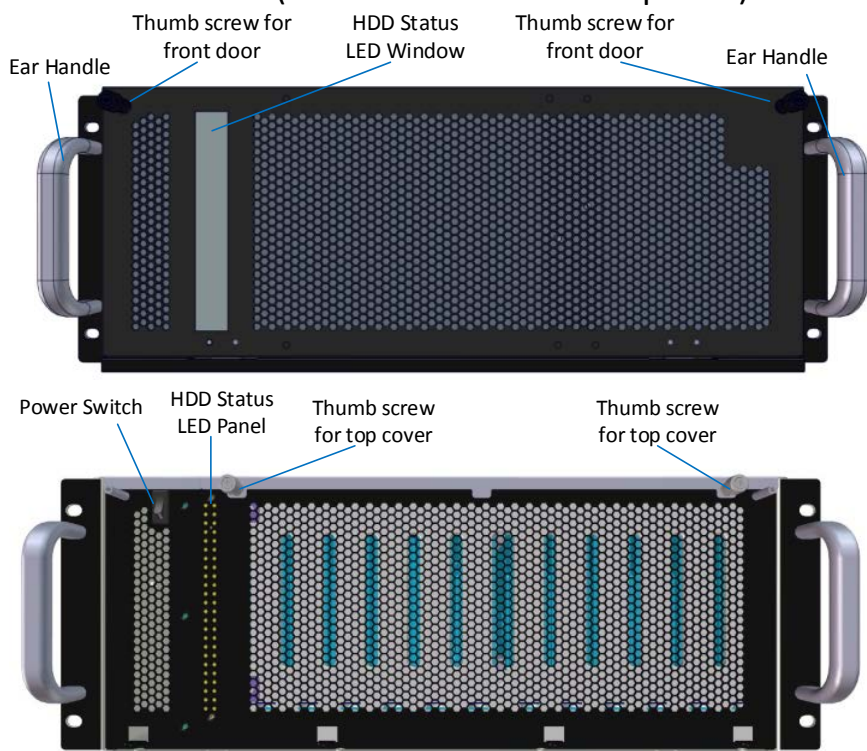
**1. Check the content** of the box. Please confirm that your package contains the following:

#	Description	Image / Description	Qty
1	eDrawer4048J Enclosure		1
2	3.5" Drive Trays		48
3	Screw Set for Mounting Drives*		1 set
4	Power Cable*		2
5	Serial Cable*		1
6	Rail Kit		1 set
7	Cable Mgmt Arm Kit		1 set
8	Chassis Lift Handles*		2
9	SFF 8644-8644 / SFF 8088-8644	optional	2
10	This Quick Guide		1
11	Packaging		1 set

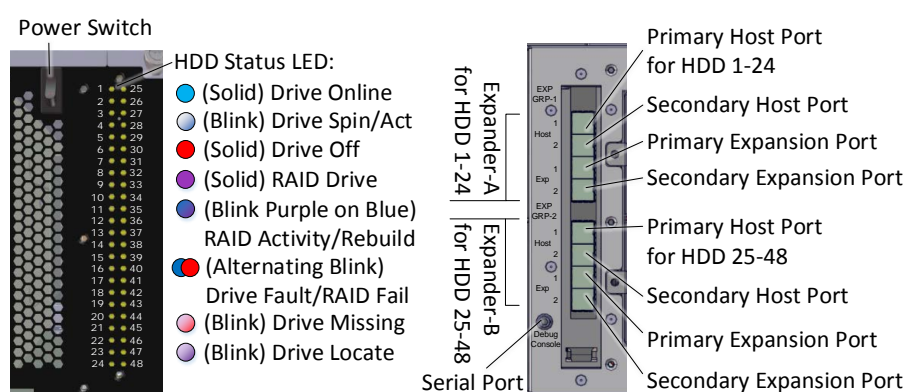
\* Inside the accessories box. If any items are missing, please contact your authorized reseller or sales representative

## 2. Get familiar with the unit.

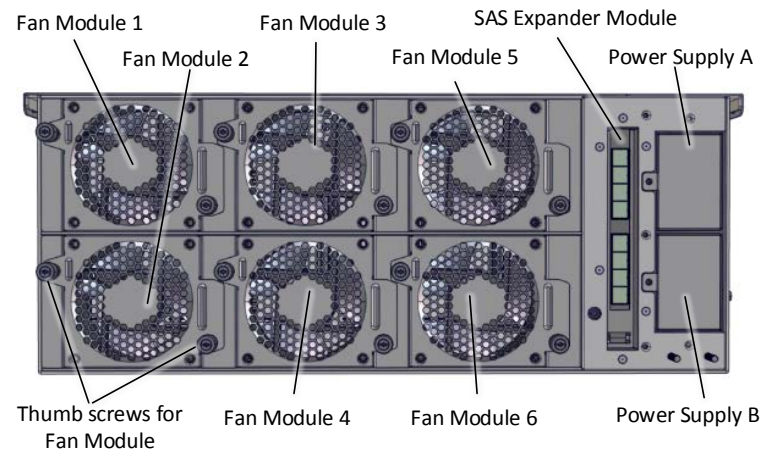
**Front view of the unit** (front door closed and opened)



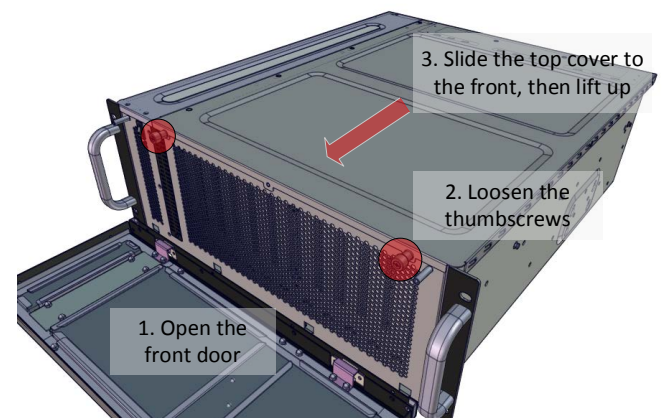
### Front and Back Panel



### Rear view of the unit

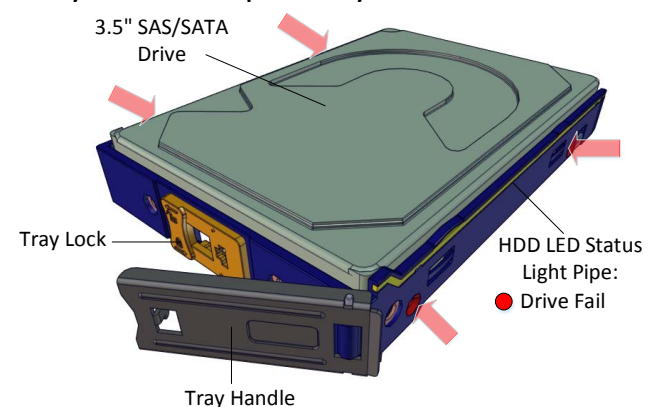


## 3. Open the Top Cover



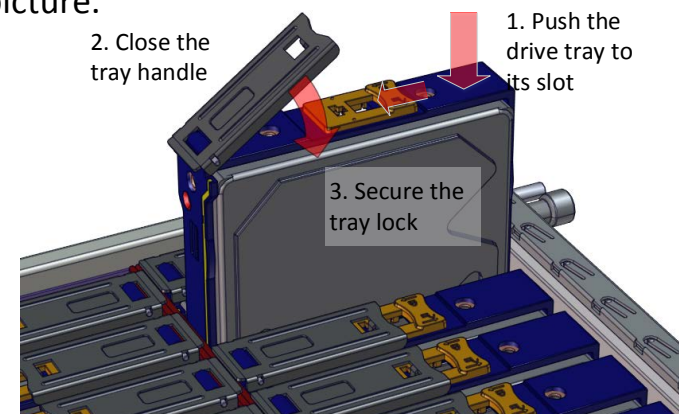
## 4. Install HDDs to Drive Trays

with hard drive (6-32 thread) screws at the locations as indicated by the red arrows. SAS and SATA drives may be sold separately.



## 5. Install the Drive Trays

to the enclosure as illustrated by the picture.



**Caution:** HDD tray orientations are opposite for every other rows. Be cautious when installing the drive trays. While holding the tray handle, it is recommended to push the drive tray at the location indicated by the arrow for a complete insertion. This step may also be done after placing the unit to the rack.



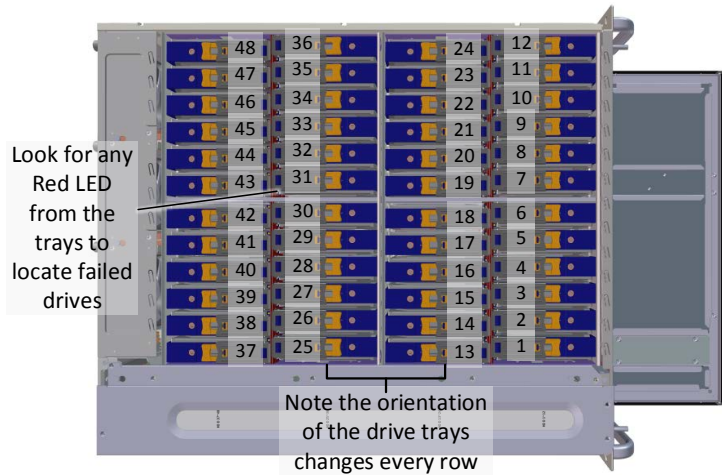
Installation and service of this product should be conducted by a trained personnel to avoid any bodily injury from electric shock or heavy object hazard



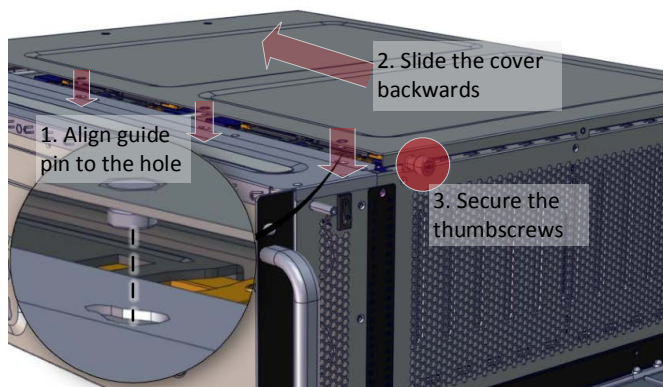
Observe ESD (Electrostatic Discharge) practices during integration to avoid possible damage to the board and / or other components



**6. Drive Mapping** of the system is as follows:



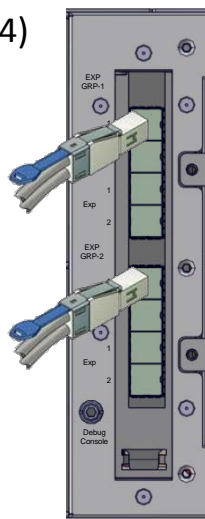
**7. Close the Top Cover** and the front door. Please position the top cover at the described location before sliding it close.



**Caution:** Slide top cover on lightly so HDDs won't be shocked

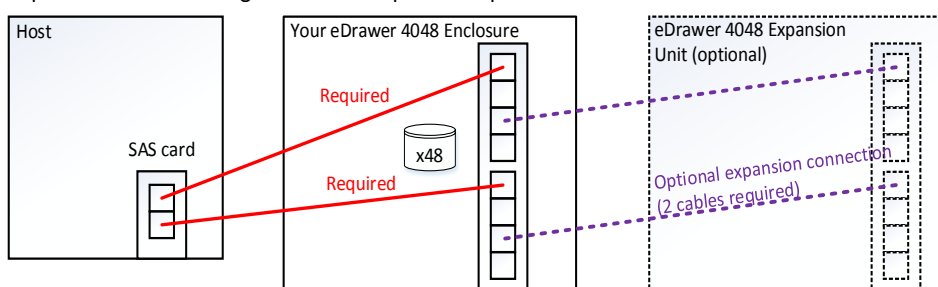
**8. Connect mini-SAS HD cable** (SFF-8644)

to the desired mini-SAS HD ports. For a host to be able to see all 48 drives, a minimum of two mini-SAS HD cables is required. Connect those two cables to Expander-A's Primary Host Port and to Expander-B's Primary Host Port (see picture). Connect the cables on the host side accordingly. See the next step for optional connections using the other mini-SAS HD ports.

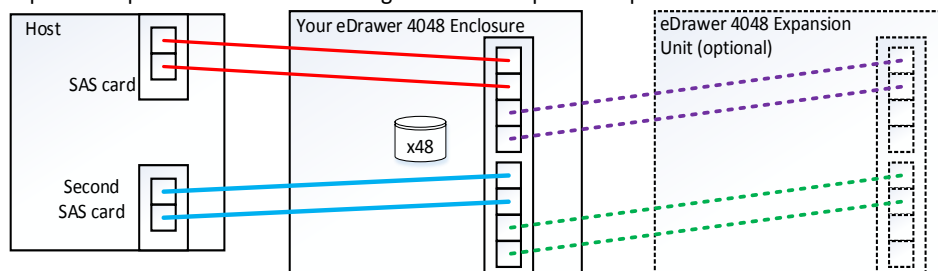


**9. Review your hardware setup.** It should be a variation of the diagrams below:

Option 1: Default configuration with optional expansion



Option 2: Optimized Bandwidth configuration with optional expansion



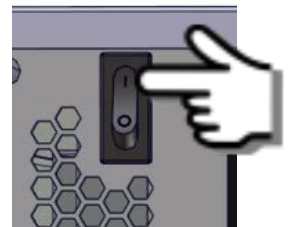
**10. Place the unit to the rack.** Please refer to Rail Kit Installation Guide on how to mount the enclosure.

**Caution:** At least two people are required to lift a fully populated chassis

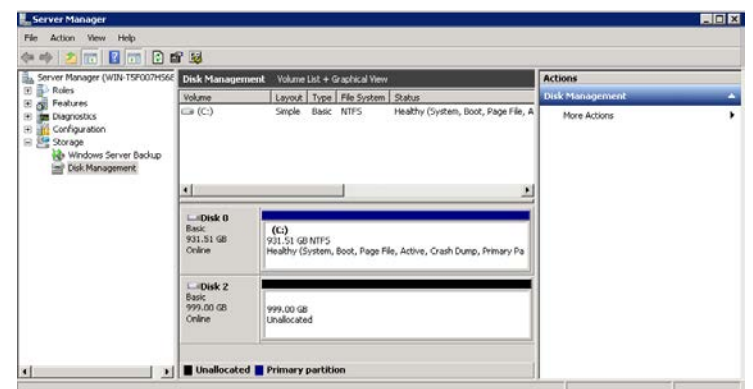


**11. Plug in the Power Cords** to the AC receptacles on the back of the unit.

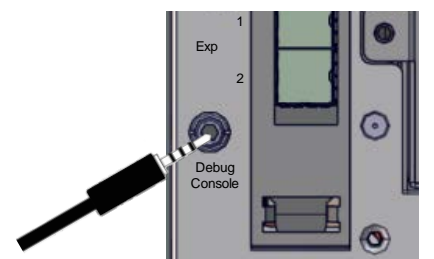
**12. Press the Power Switch** on the front of the unit and wait about 30 seconds until the unit is ready. Once it's ready, power up your host unit.



**13. Access the disks on the Host.** This example assumes Windows OS is used for the host. Go to "Disk Management" to see the disks. If the host is using SAS RAID adapter, use the RAID Management Software to manage the disks.



**14. Access the Serial Console** (when necessary) by connecting a serial audio cable to the debug console port and use a terminal console with baud rate 38400, 8, N, 1, N. Once there, type "help -a" for the list of commands.



Option 3: Shared storage configuration (24 drives for each host) with optional Optimized Bandwidth configuration and expansion

