




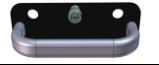




**Thank you for your purchase of Premio eDrawer4072J Storage System!**

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

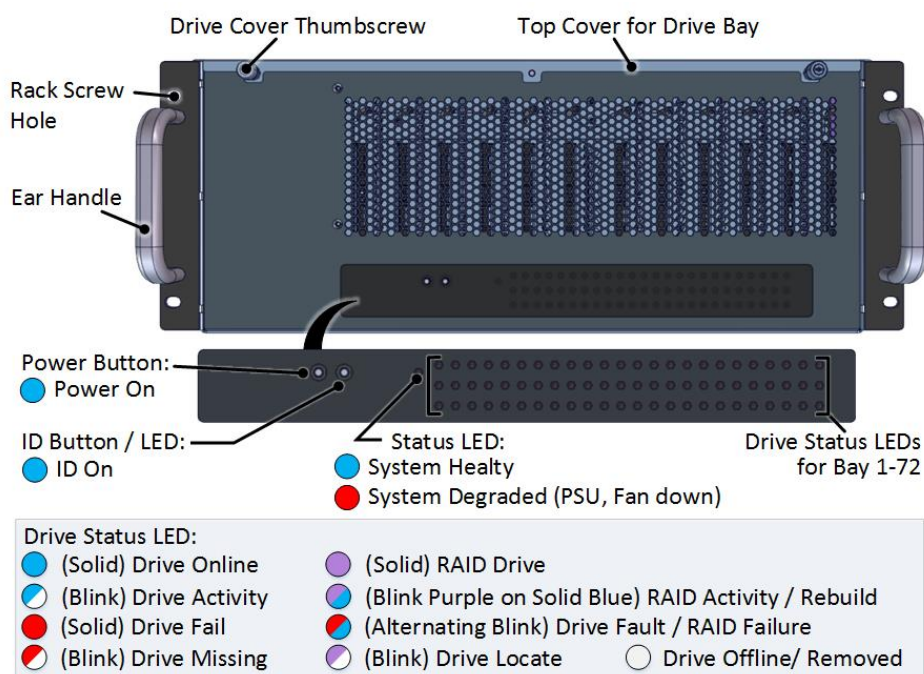
#	Description	Image / Description	Qty
1	eDrawer4072J Enclosure		1
2	Power Cable*		2
3	Serial Cable*		1
4	Rail Kit		2 sets
5	Cable Management Arm Kit		1 set
6	Chassis Handles*		2
7	SAS cables (opt.)	SFF 8644-8644 / SFF 8088-8644	2
8	This Quick Guide		1
9	Packaging		1 set

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

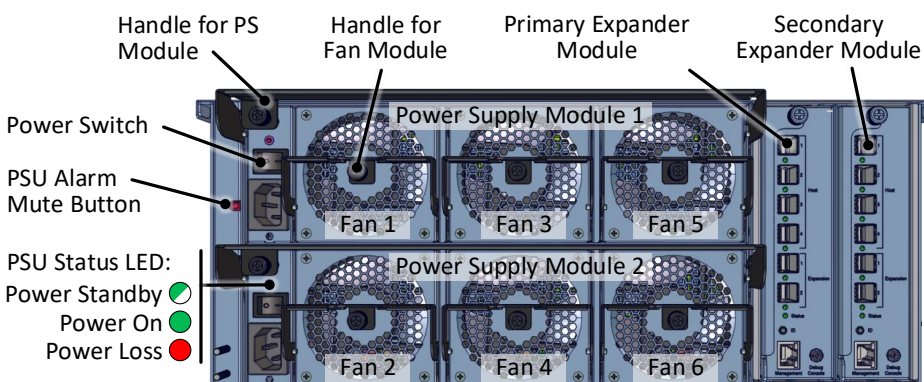
## 2. Get familiar with the unit.

eDrawer4072J is a 72x top load 12G SAS hot-swap storage system powered in 4U form factor, with six hot-swappable redundant 80mm exhaust fan modules with Smart Fan control, supporting total of 4x SFF8644 port of Host connections and 2x SFF8644 port of Expansion connections, and with 1200W high efficiency redundant power supply with -48V DC input option.

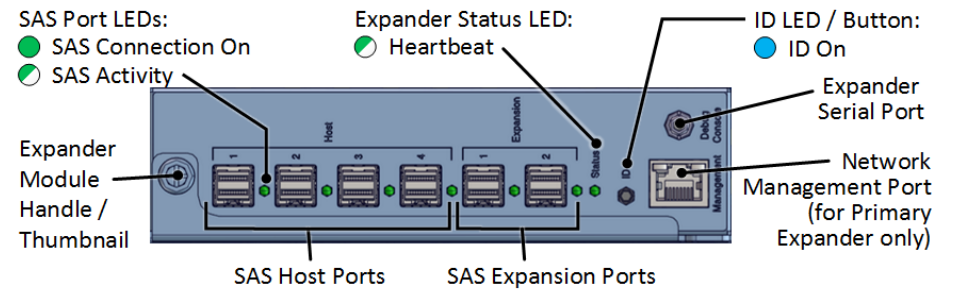
### Front view of the unit



### Rear view of the unit



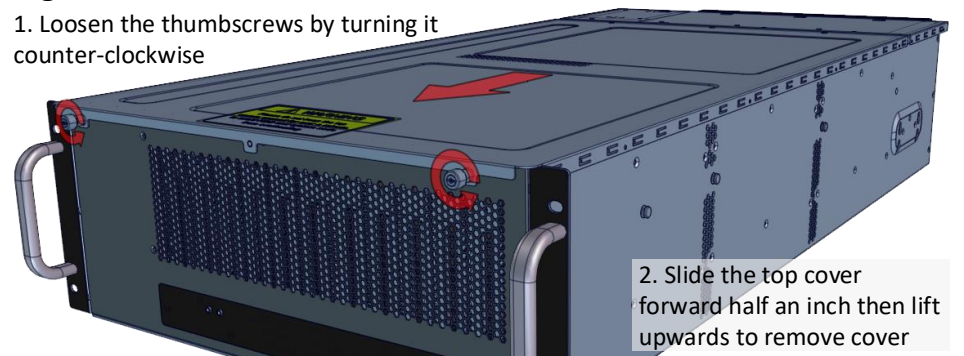
### Expander Panel



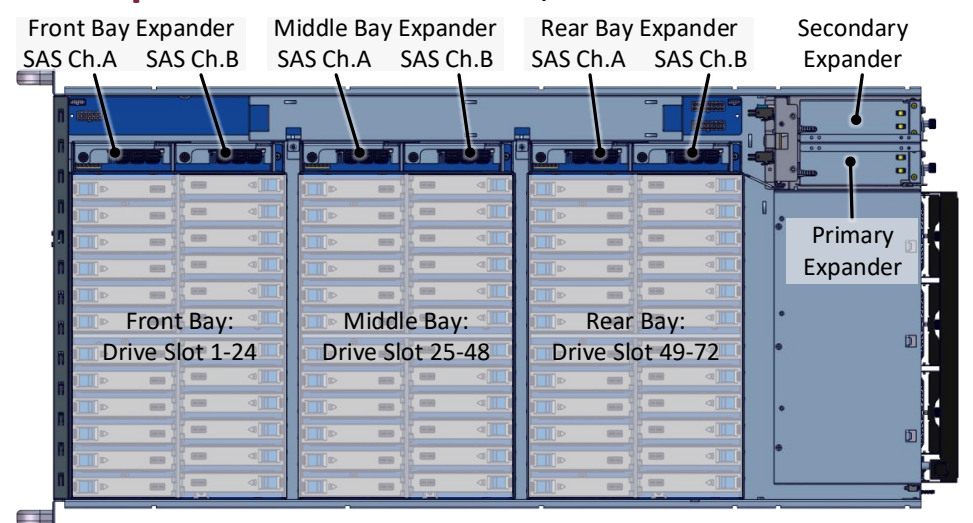
**3. Remove the Unit** from the packaging. Use chassis handles to help lifting the unit from the box.

**4. Open the Drive Cover** of the unit reveals the drive cage for 3.5" HDDs.

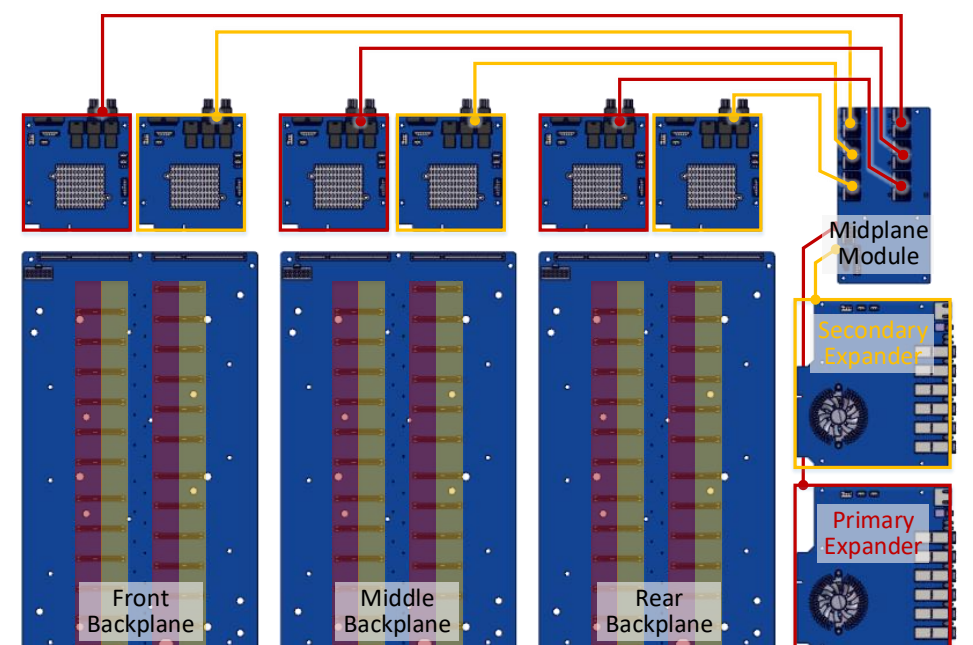
1. Loosen the thumbscrews by turning it counter-clockwise



**5. Inspect the Internal** components under the hoods.



eDrawer4072J consists of three HDD backplanes. Every backplane has two internal expanders, each for SAS hard drive channel. See below diagram for board interconnection.



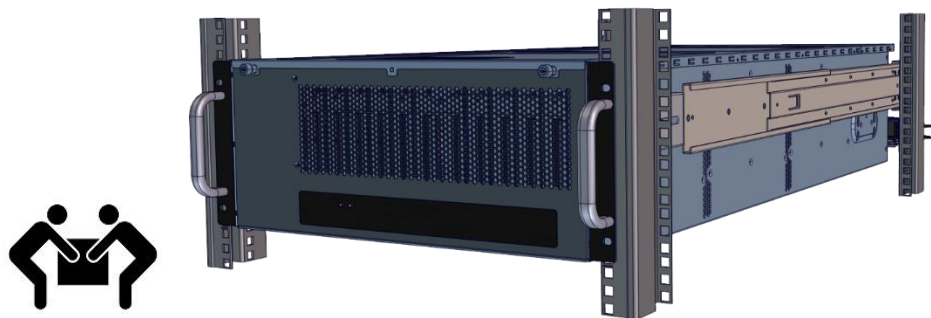
Installation and service of this product should be conducted by a trained personnel to avoid bodily injury from electric shock or heavy object



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

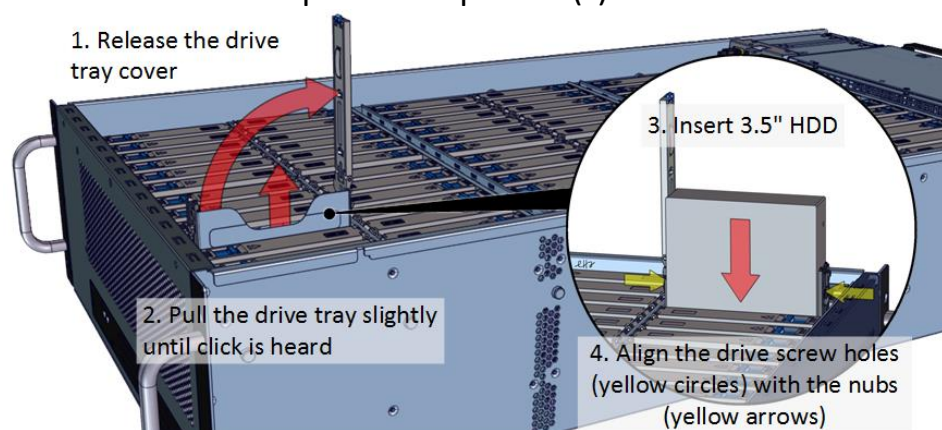


**6. Install the Enclosure to the Rack.** Refer to eDrawer4072J Rack Mounting Guide for details.

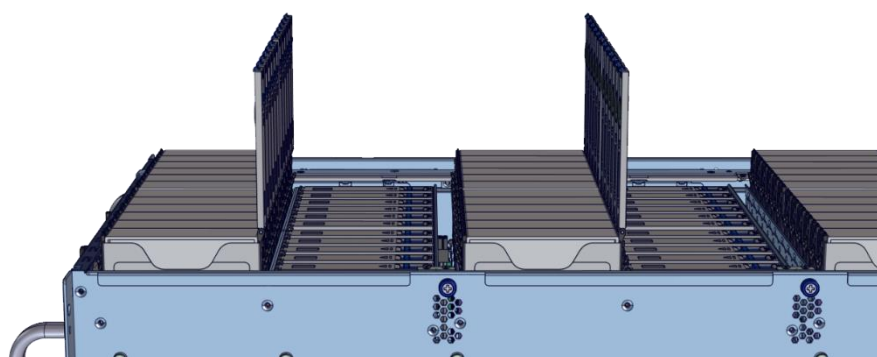


**Caution:** At least two people are required to lift the chassis.

**7. Install Drives** to the enclosure. Pull the enclosure from the rack and open the top cover(s).

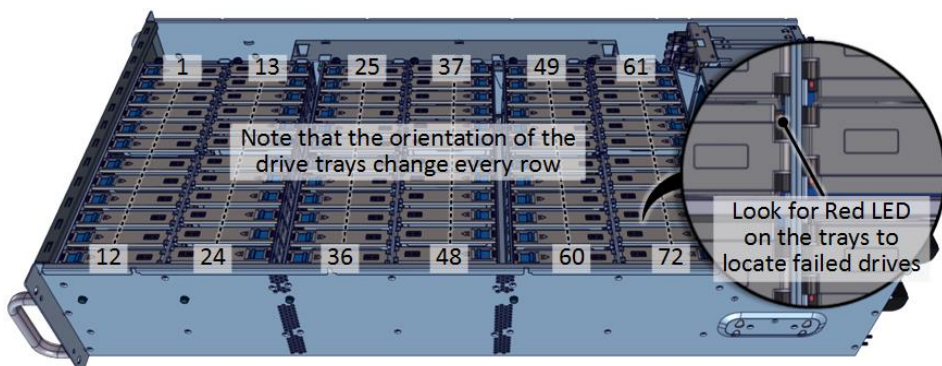


**Caution:** HDD tray orientations are opposite for every other rows. Be cautious when installing the drive trays.



It is recommended to install drives per row, to ensure the easiness of inserting the tool-less trays back to their slots.

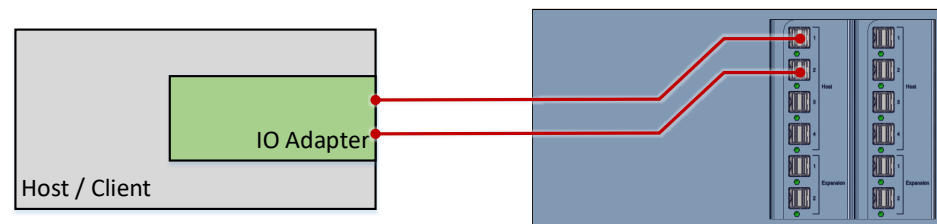
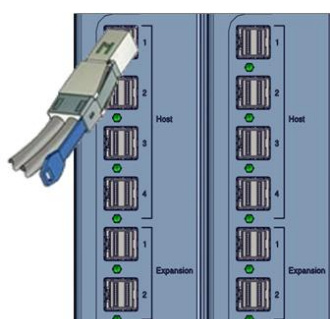
**8. Drive Mapping** of the enclosure is as follows:



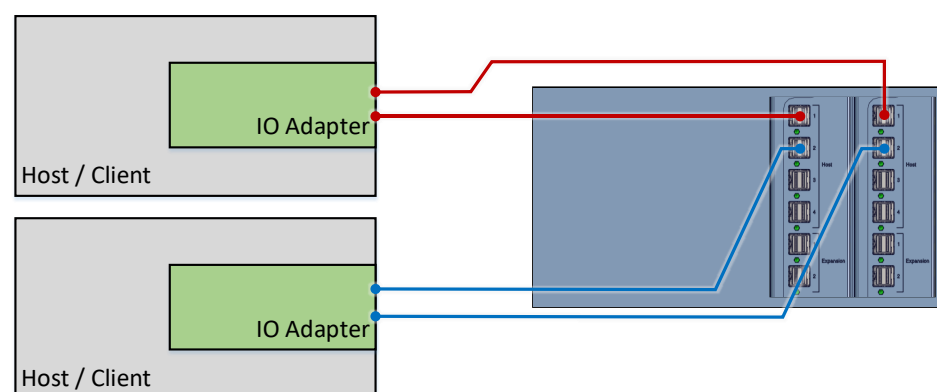
**9. Establish SAS connection** to host, client, or switch.

Use mini HD SAS cable to connect the JBOD unit to the client. Note the orientation.

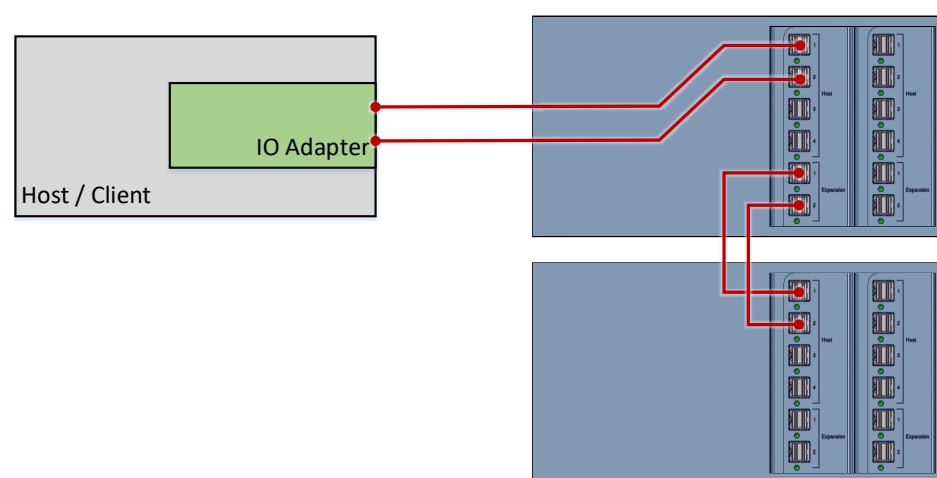
Refer to the following system configurations to help decide on which port to use.



**Single Expander Configuration:** Connect an HD SAS cable to a client. The client will see all drives from eDrawer4072J. Add optional HD SAS cables to improve performance.



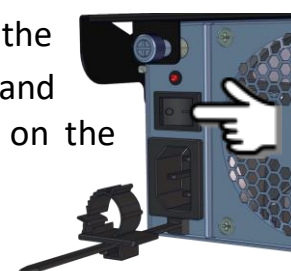
**Dual Expander / Clustered Storage Spaces Configuration:** SAS drives are required. In the above configuration, both hosts will have all the paths to all 72x disks at the same time.



**Daisy-chain Configuration:** A single expander mode with expandable storage. The SAS HBA/RAID controller sees the collective HDDs from the daisy-chained eDrawer4072J units.

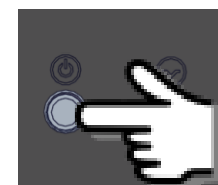
**10. Plug in the Power Cords** to the

AC receptacles on the back of the unit and secure it with provided cable ties. Turn on the PSU power switch afterwards.



**11. Press the Power Button** on the

front of the unit and wait until the unit is ready (all HDDs spin up) before powering up the client.



**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. Type "help -a" for a list of commands.

