








Thank you for your purchase of Premio DSS316J-S3 JBOD Storage System!

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

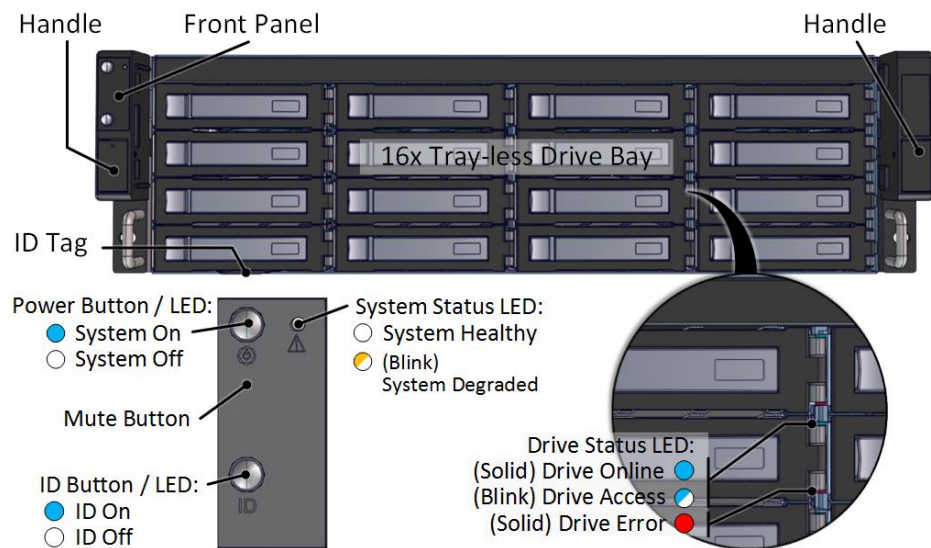
#	Description	Image / Description	Qty
1	DSS316J Enclosure		1
2	Bezel (optional)		1
3	External SAS cables		Opt.
4	Anti-static bags*	For drive or drive tray	16
5	Fix mount rail set		1 set
6	Slide Rail Kit + Screws		Opt.
7	Power Cable*		2
8	Serial Cable*		1
9	This Quick Guide		1
10	Packaging		1 set

* Inside the accessories box. Box may consist of screw sets for rail kit or drives. If any items are missing, please contact your reseller or sales rep.

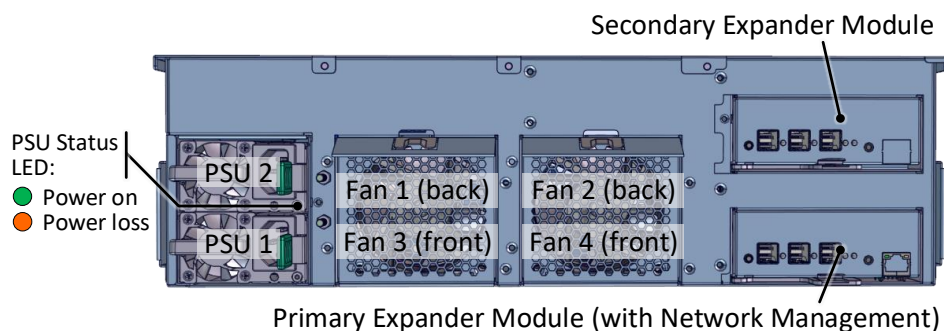
2. Get Familiar with the Unit.

DSS316J-S3 features 16x 3.5" SAS hot-swap HDD bays with SAS/SATA interposer support, dual 12Gbps SAS expanders, 550W 1+1 redundant platinum power supply unit.

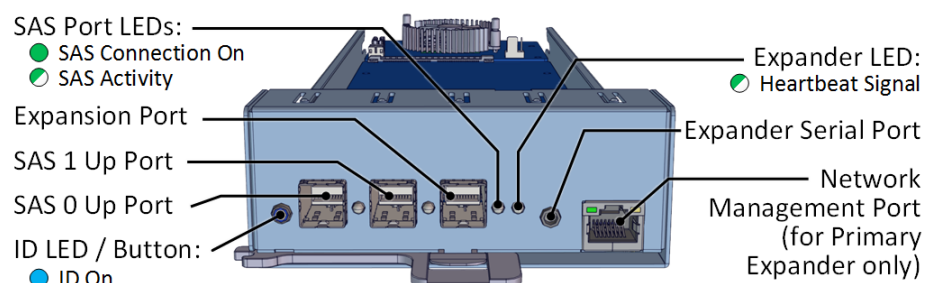
Front view of the unit



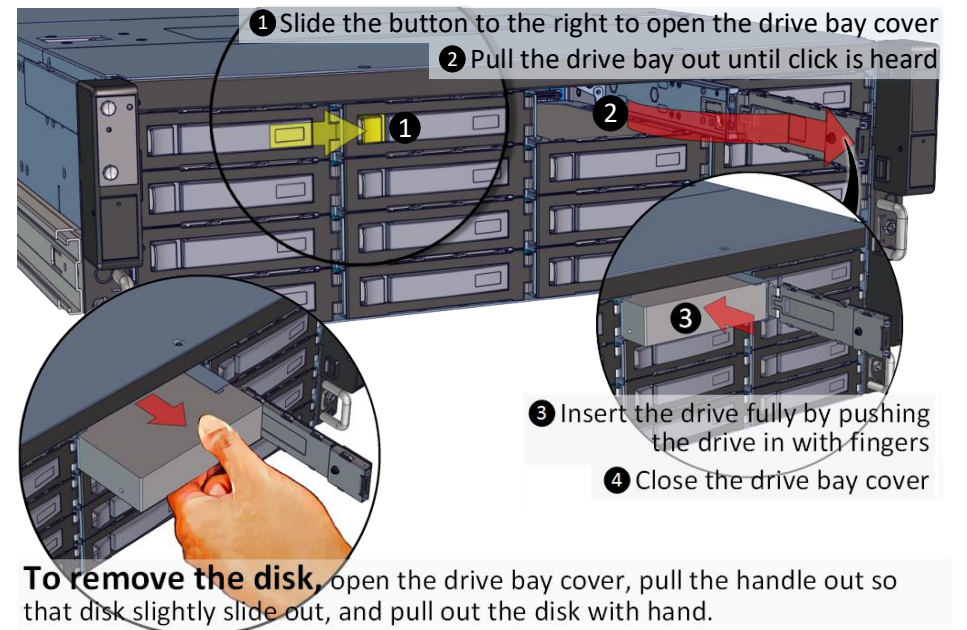
Rear view of the unit



Expander Module

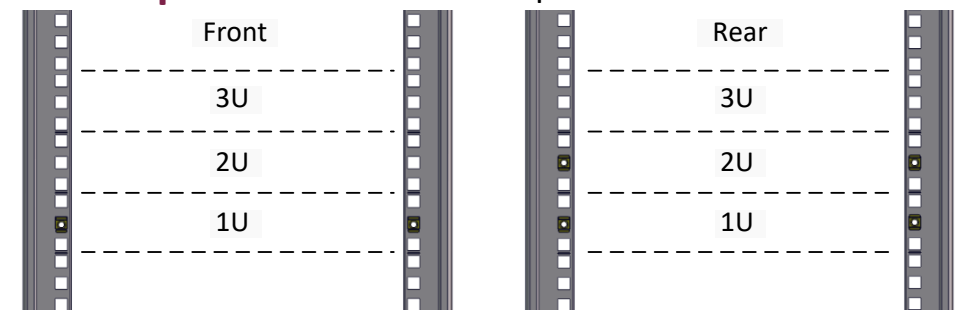


3. Install 3.5" Drives to the unit as illustrated. It is suggested to install HDDs after the unit is mounted to the rack.

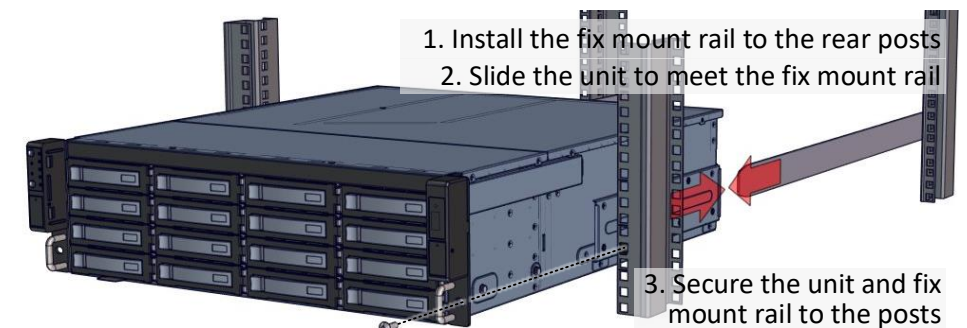


4. Mounting the Unit using Fix Mount Rail

4a. Prepare the Post with square nuts.

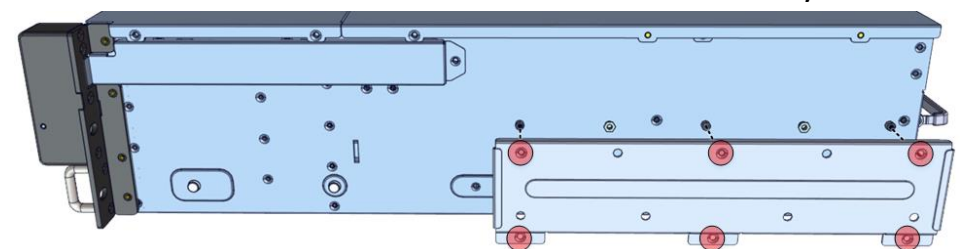


4b. Mount the Unit to the rack.



5. Mounting the Unit using Tool-less Rail

5a. Remove the Fix Mount Rail from the system.



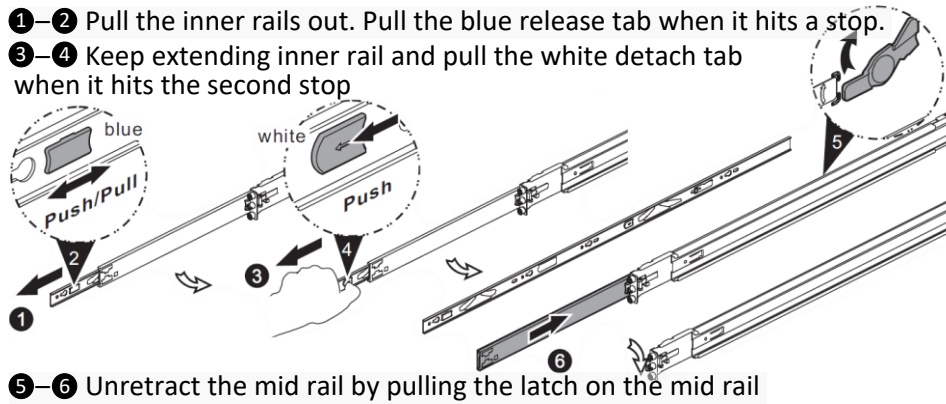
5b. Remove the Inner Rail from the slide rail.



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

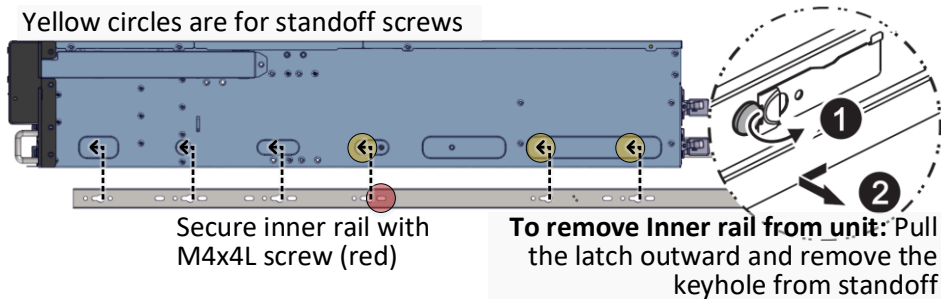


Observe ESD (Electrostatic Discharge) practices during integration to avoid possible damage to the board and / or other components

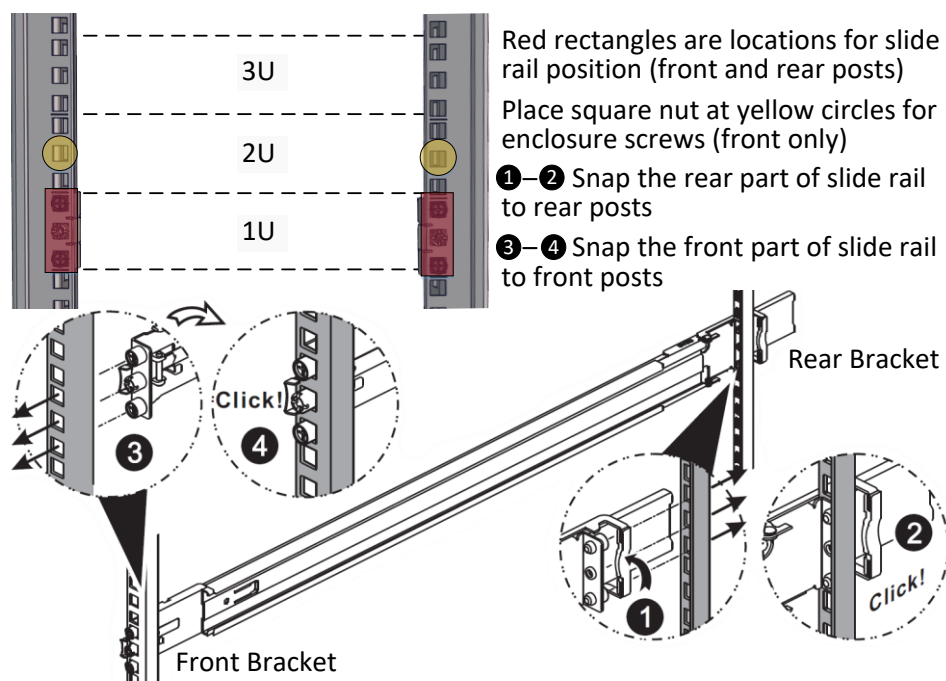
- ①-② Pull the inner rails out. Pull the blue release tab when it hits a stop.
 - ③-④ Keep extending inner rail and pull the white detach tab when it hits the second stop
 - ⑤-⑥ Unretract the mid rail by pulling the latch on the mid rail
- 

5c. Install Inner Rails to the enclosure.

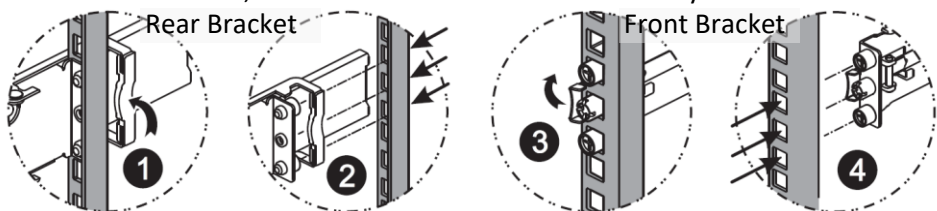
Yellow circles are for standoff screws



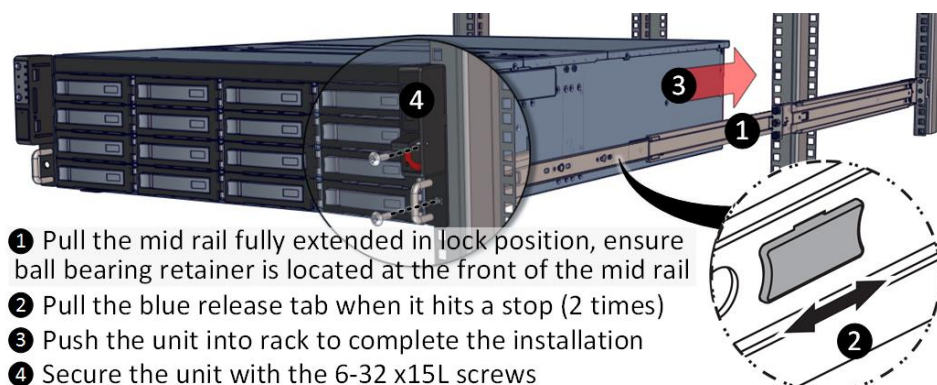
5d. Install the Outer Rails to the Rack as follows:




To remove slide rails, use the latches to undo the assembly as follows:



5e. Install the Unit to the Rack as follows:



For a complete instruction on how to install unit to the rack, please follow the Slide Rail Installation Guide.

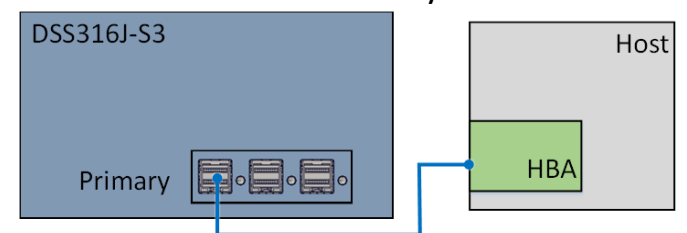
 At least two people are recommended for mounting process.

6. Drive Mapping of DSS316J-S3 is as follows:

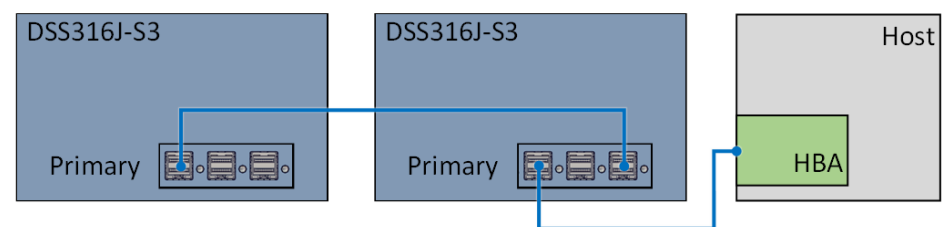


7. Establish SAS connection with host, client, or switch. Refer to the system configurations below to decide on which port to use.

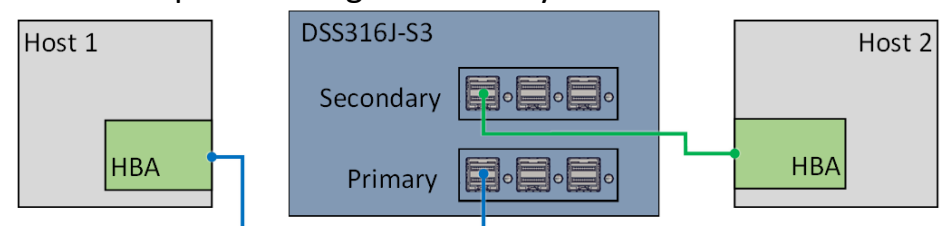
Single expander mode: SAS drives are not required, no high availability is possible with this configuration. The SAS HBA/RAID controller sees all 16 HDDs from DSS316J-S3. Connect SAS cable to Host Port of the Primary Module.



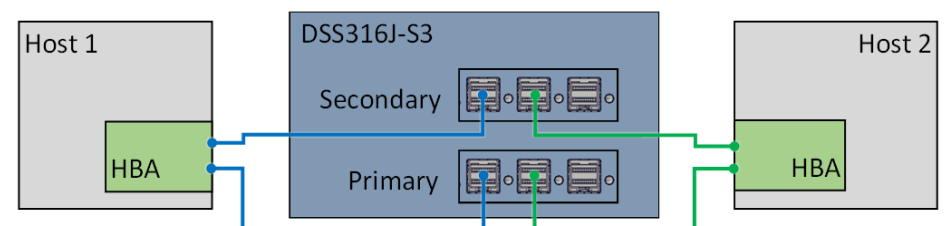
Daisy-chain mode: a single expander mode with expandable storage. The SAS HBA/RAID controller sees the collective HDDs from the daisy-chained DSS316J-S3s. Connect the Expander Port from the first unit to the Host Port of the second unit and so on.



Dual expander mode: SAS drives are required. Two clients are able to connect to the unit storage device due to the dual port nature of the SAS drives. This configuration provides a redundant path and high availability.



Clustered Storage Spaces mode: SAS drives are required. In the below configuration, both hosts will have all the paths to all 16x disks at the same time.



8. Press the Power Button on the front of the unit after plugging AC cables.



9. Access the Serial Console (when necessary) by connecting RS-232 serial cable to the one of the console ports. Use a terminal console with baud set 115200, 8, N, 1, N. Refer to User's Manual for further detail and how to set up Ethernet Management Port.

