



**Thank you for your purchase of Echostreams eDrawer4060S-D5 Storage System!**

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

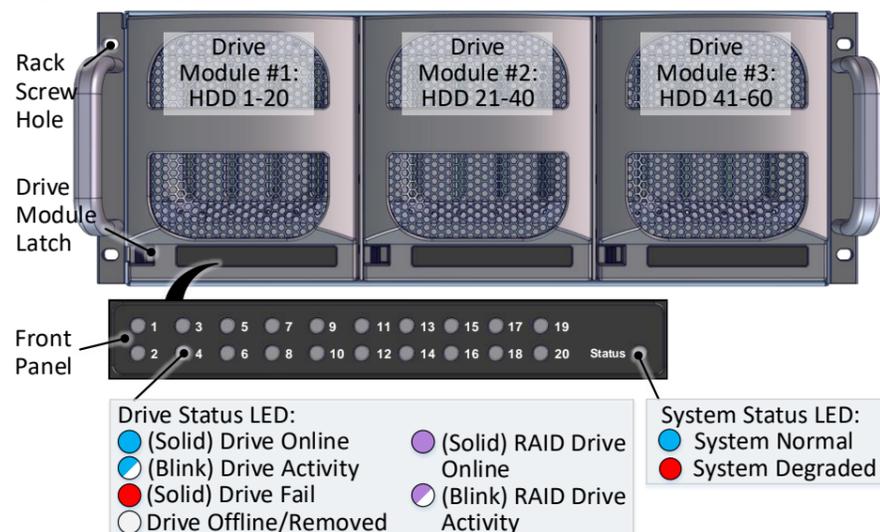
#	Description	Image / Description	Qty
1	eDrawer4060S-D5 Enclosure		1
2	Motherboard, CPU, heatsink, memory, IO cards	Pre-installed	1 set
3	Serial cable		1
4	Power Cable		2
5	Handle		2
6	Rail Blades		2
7	Adjustable Support Bars		1 set
8	Round Hole Bracket		2
9	Front Spacers & Brackets (x = 3", 2.5", 2", 1.5" wide)		2 sets
10	Rear Spacers (6")		2
11	Bracket Screw sets – 2RALXX233701: for support bar, round hole brackets 2RALXX264800: for front and rear spacers 2RALXX264700: ears, blades	 10-32 x16L screws M5 x10L screws M4 x6L screw M4 x6L flathead screws	3 bags

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

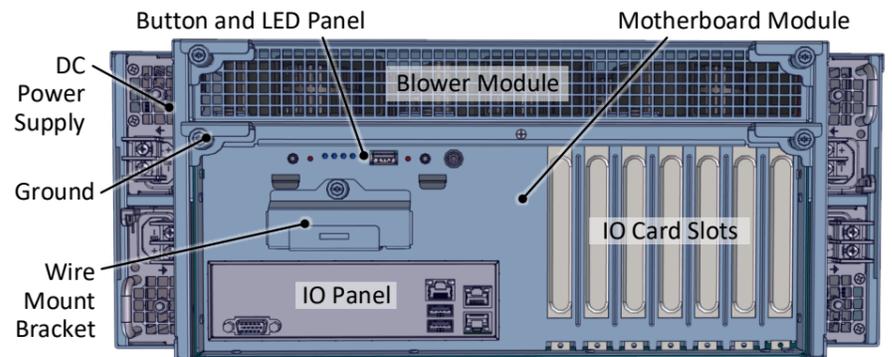
**2. Get familiar with the unit.**

eDrawer4060S-D5 is a 60-Bay storage server powered by Supermicro X11DPL-i with Intel Skylake Dual-Processor. This unit is 36.5" long. Please make sure, with front and back spacers put into consideration, that your cabinet is able to accommodate the length of the unit. Front spacers are for cabinet with spare space between front post and rack door, rear spacers are for cabinet with excess rear space. Spacers and bracket installation is optional depending on your need.

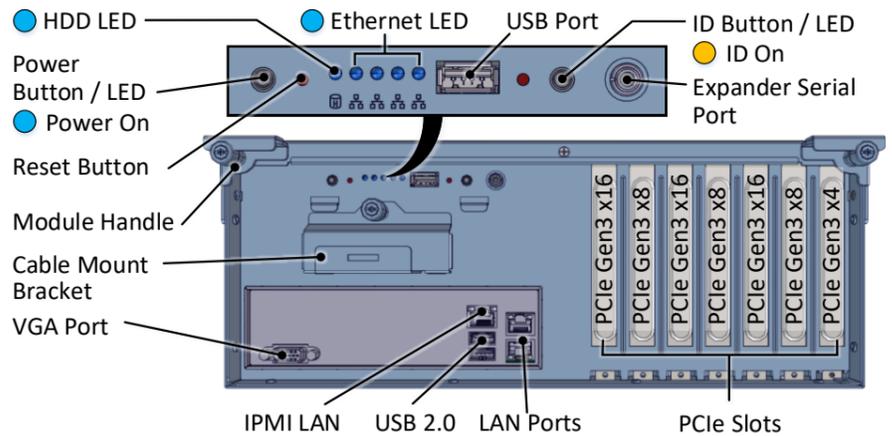
**Front view of the unit**



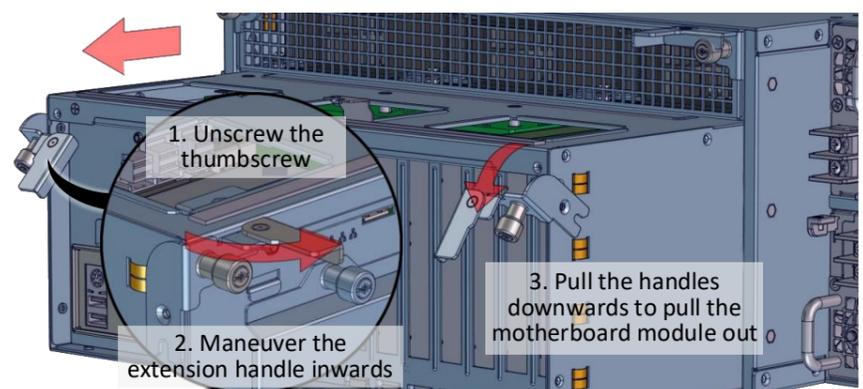
**Rear view of the unit**



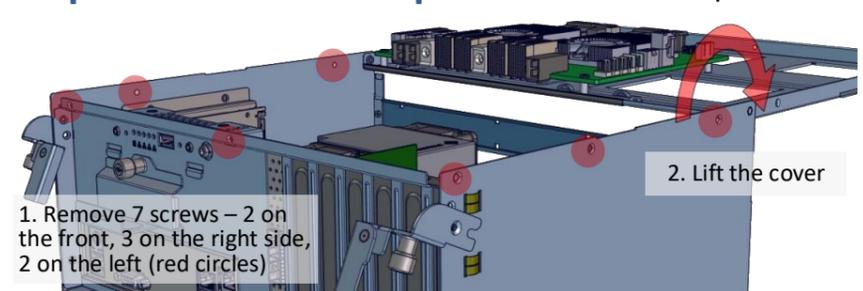
**Motherboard Module**



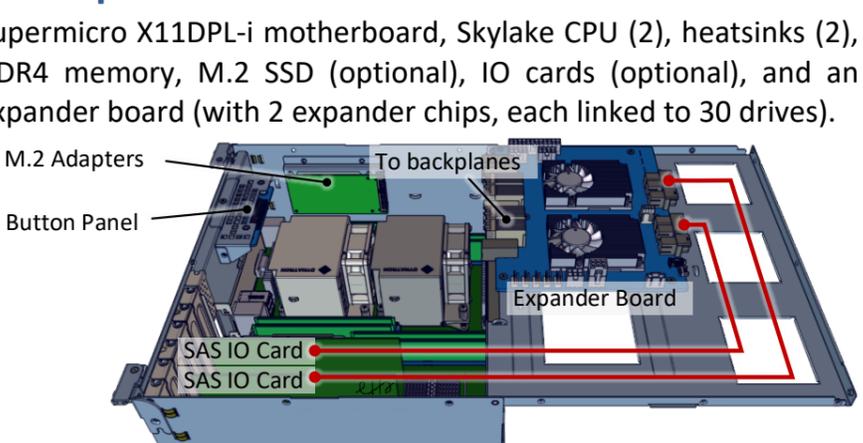
**3. Remove the motherboard module**



**4. Open the module top cover for the components.**



**5. Inspect the internal** of the module. It consists of one Supermicro X11DPL-i motherboard, Skylake CPU (2), heatsinks (2), DDR4 memory, M.2 SSD (optional), IO cards (optional), and an expander board (with 2 expander chips, each linked to 30 drives).



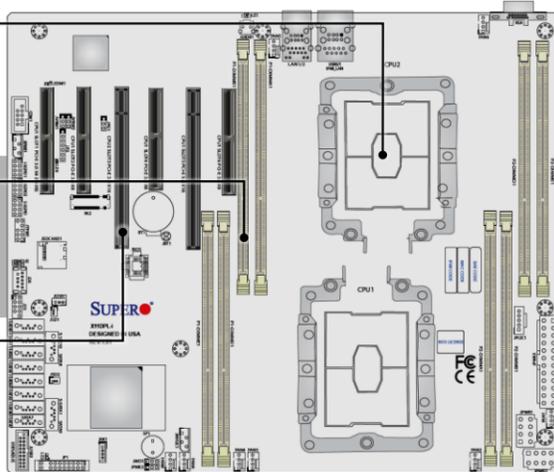
Installation and service of this product should be conducted by a trained personnel to avoid any bodily injury from electric shock or heavy object



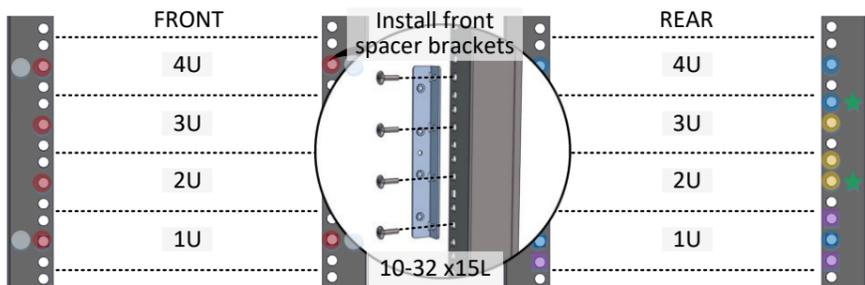
Observe ESD (Electrostatic Discharge) practices during integration to avoid possible damage to the board and / or other components

**6. Refer to motherboard specification** for its features and installation requirements.

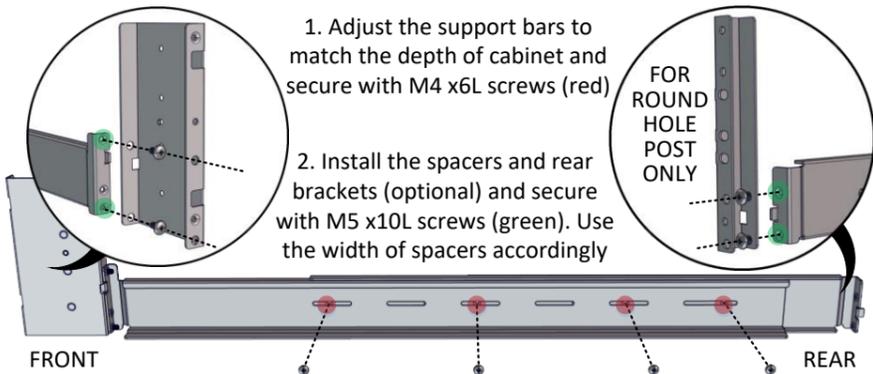
- Dual Intel Xeon 8100 / 6100 / 5100 / 4100 / 3100 series processor
- Socket P with UPI support
- Up to 10.4 GT/s
- Up to 1TB ECC DDR4 3DS RDIMM
- Up to 512GB ECC DDR4 RDIMM/LRDIMM
- 2666MHz in 8 DIMM slots
- PCIe1 is Gen3 x4 (CPU1)
- PCIe2 PCIe4 PCIe6 are Gen3 x8 (CPU1)
- PCIe3 is Gen3 x16 (CPU2)
- PCIe5 is Gen3 x16 (CPU1)



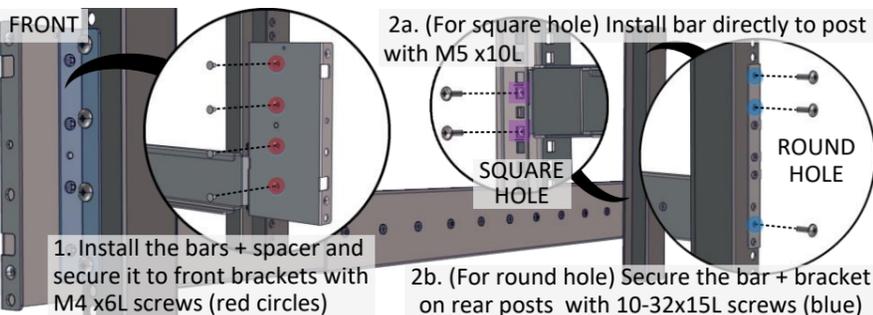
**7. Prepare the rack post** for front spacer brackets (red circles), rear brackets for round hole post (blue), rail blades (yellow), support bar for square hole post (purple squares), rear spacers (green stars), and ears (grey). Apply square nuts when square-hole rack is used.



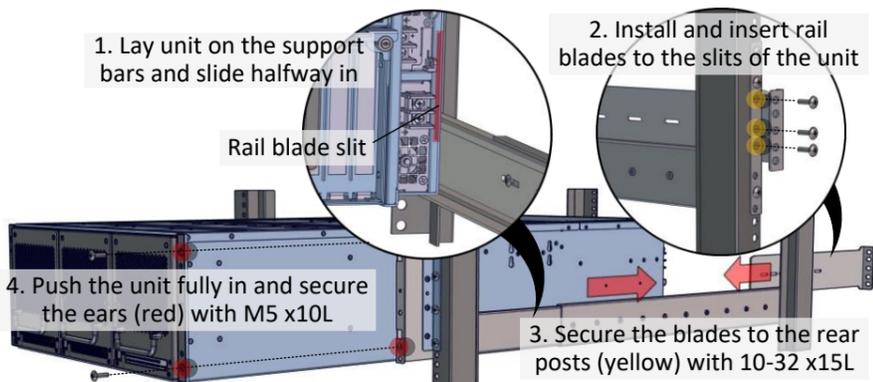
**8. Prepare the support bars** as follows:



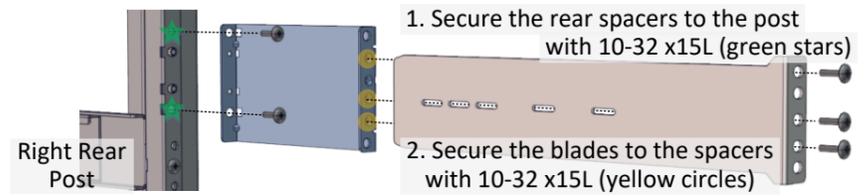
**9. Install the support bars.** Right post is shown below.



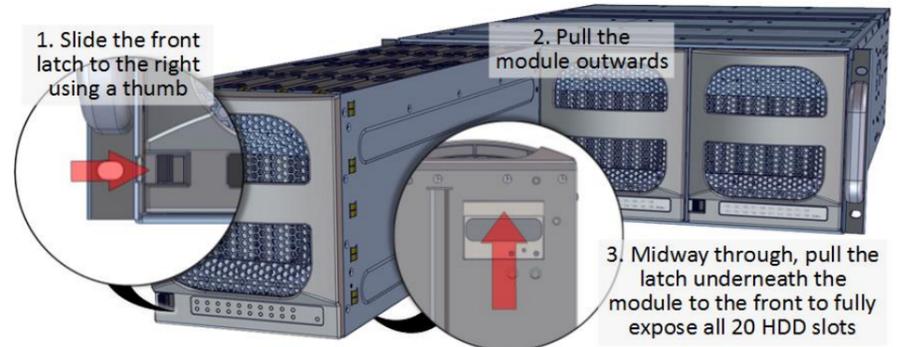
**10. Install the enclosure** to the rack as follow:



**Note:** If rear spacers are used, install the spacers to the rear posts first (see the location at Step 7), then install rail blades as follows:

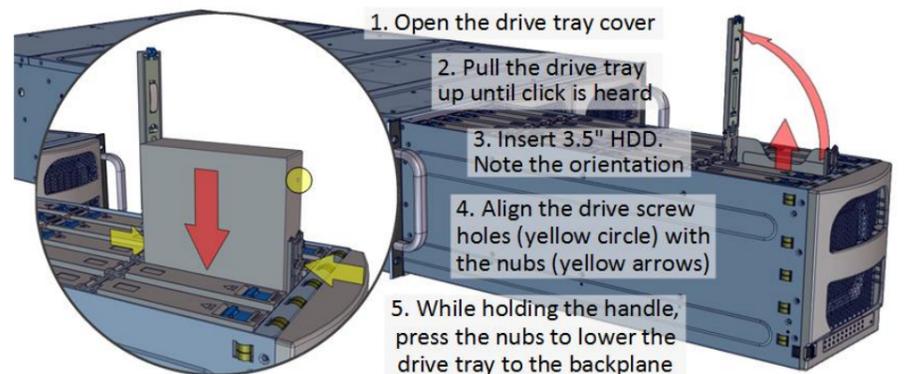


**11. Pull the Drive Drawer out** of the unit as indicated in order to install disk drives. It is recommended to install HDDs after the unit is mounted to the cabinet.

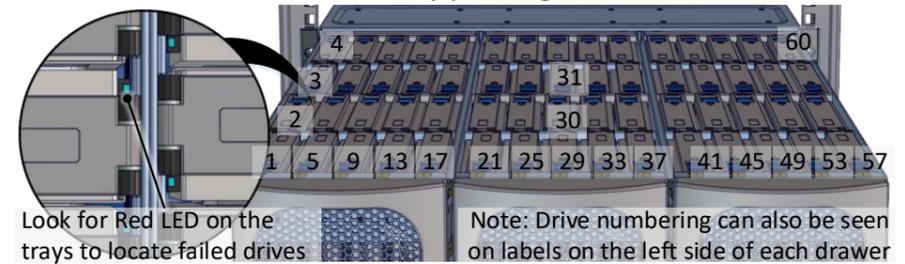


Drive module cannot be completely removed. Drives can be inserted and removed from the module while system is running without disrupting the operation.

**12. Install 3.5" HDDs** as illustrated below. SAS and SATA drives may be sold separately. SAS drives are required for eDrawer4060S-D5 configuration with dual expander.



**13. Drive mapping** of the system is as follows. Insert the HDD module to the enclosure by pushing it until click is heard.



**14. Power on the unit** by plugging in the DC power cords and secure the cables. Connect the Grounding pin to ground. Then press the power button at the back of unit.



**15. To access the Serial Console,** connect a serial audio cable to the debug console port and use a terminal console with baud rate 115200, 8, N, 1, N. Type “help -a” for list of commands.

