



P/N: 15G065283000AR V1.0

Quick Installation Guide 2U4G8E-EGS2



www.asrockrack.com



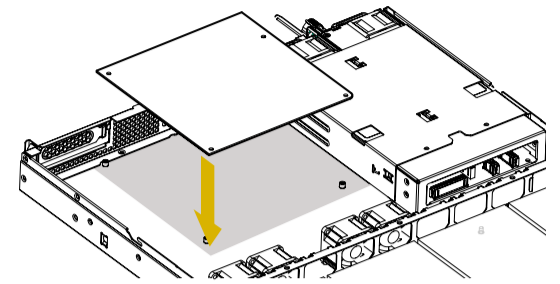
The User's Manual is available for download from the ASRock Rack's official website at <http://www.asrockrack.com>.

Take note of the following precautions before installing the components or change any settings.

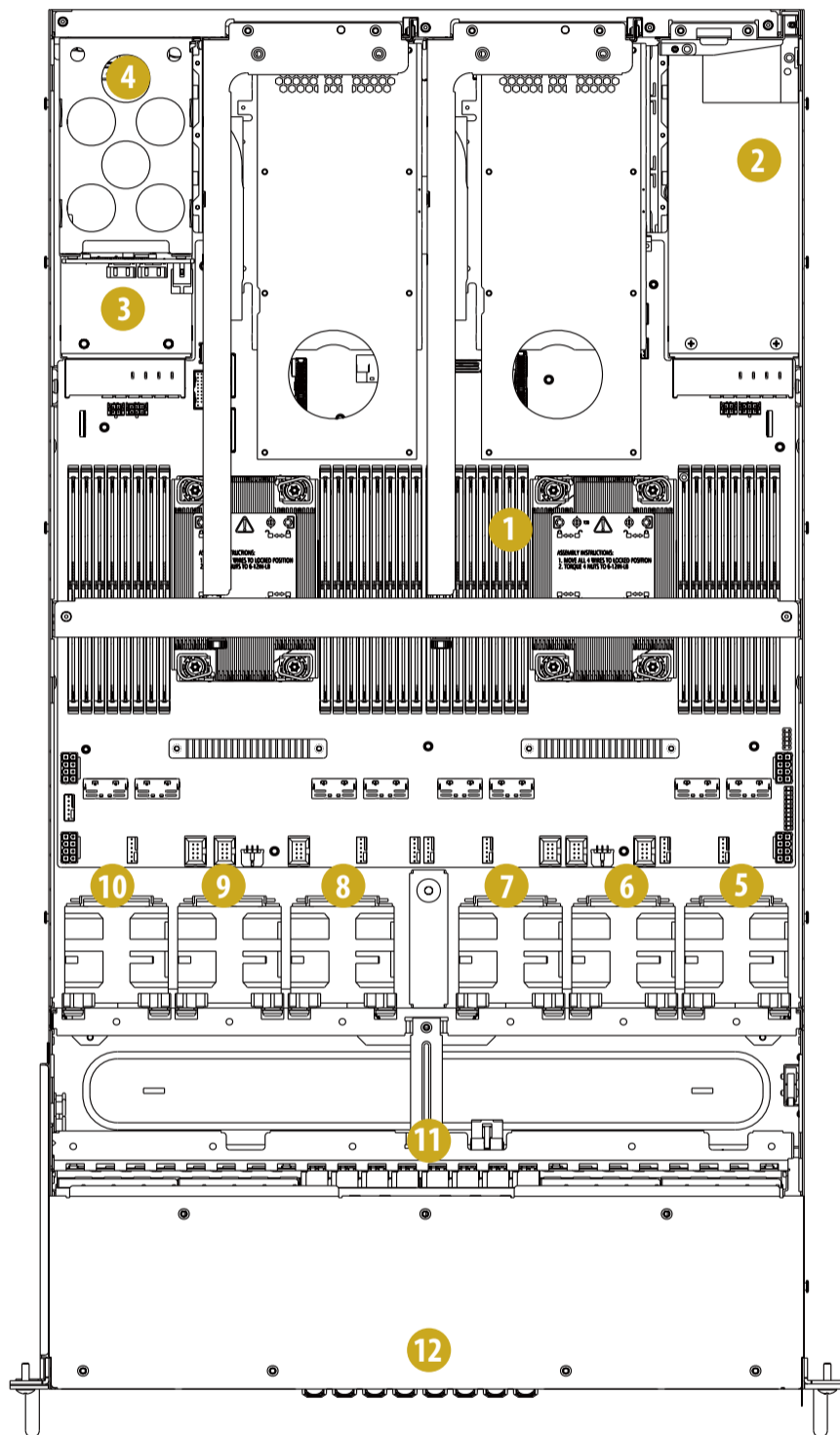
1. Unplug the power cord from the wall socket before touching any components.
2. To avoid damaging the components due to static electricity, NEVER place the components directly on the carpet or the like. Also remember to use a grounded wrist strap or touch a safety grounded object before installation.
3. Hold components by the edges and do not touch the ICs.
4. Whenever uninstalling any components, place them on a grounded anti-static pad or in the bag that comes with the components.
5. When placing screws into the screw holes to secure any components to the barebone, please do not over-tighten the screws! Doing so may damage both components and barebone.

1 Replace Server Board

- 1 Carefully unplug all cables and release thumbscrews on the server board to remove them from the barebone.
- 2 Align the replaced server board with the mounting holes
- 3 Affix the screws clockwise into the mounting holes in all of the corners of the server board.
Do not over-tighten the screws

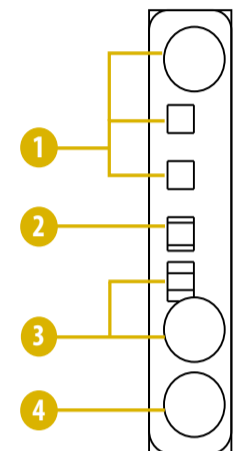


2 Top View



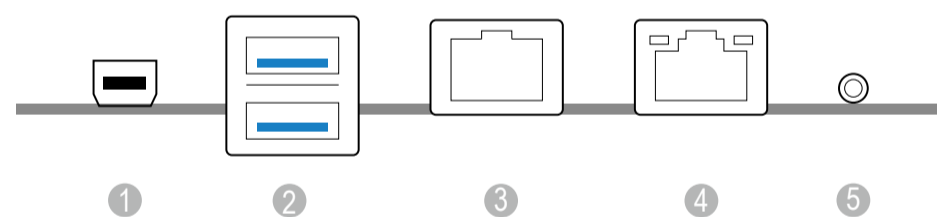
3 Control Panel

No.	From
1	Serverboard
2	Power Supply Units (PSU1)
3	Power Supply Units (PSU2)
4	2 x 2.5" SATA Drive Trays
5	System Fan 6
6	System Fan 5
7	System Fan 4
8	System Fan 3
9	System Fan 2
10	System Fan 1
11	2.5" Drive Backplane Board
12	8 x 2.5" Drive Trays (only support NVMe)



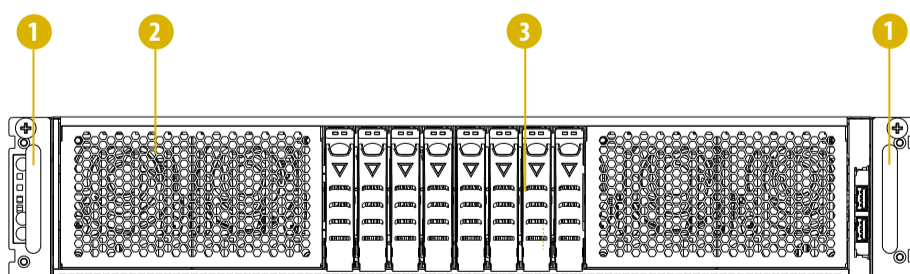
No.	Description
1	Power Button and LED
2	System Status LED
3	ID Button and LED
4	System Reset Button

4 I/O Panel

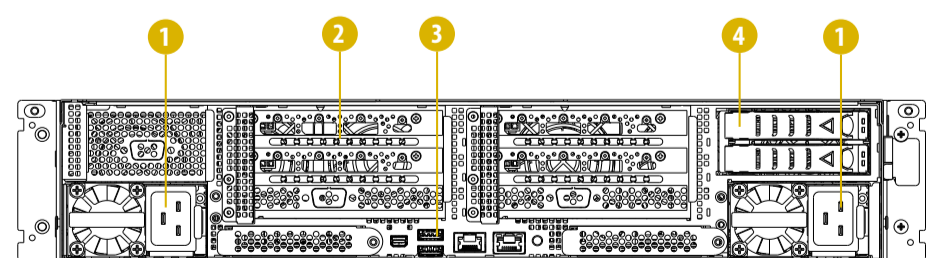


No.	Description	No.	Description
1	Mini Display Port (MINI_DP)	4	LAN RJ-45 Port (IPMI_LAN)*
2	USB 3.2 Gen1 Ports (USB3_1_2)	5	UID Switch (UID1)
3	RJ45 Serial Port (COM1)		

5 Front Panel



6 Rear Panel



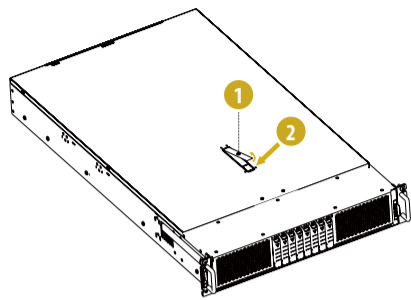
No.	Description
1	Thumbscrew Covers
2	Control Panel (depends on the specification of the server board)
3	8 x 2.5" Hot-Swap Drive Trays

No.	Description
1	2 x Power Supply Units (PSU)
2	Rear Vent
3	I/O Shield (depends on the specification of the server board)
4	2 x 2.5" Hot-Swap Drive Trays

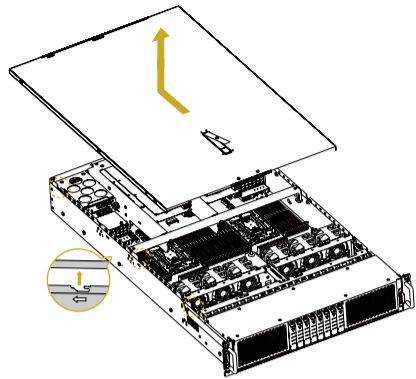


7 Remove and Install Top Cover

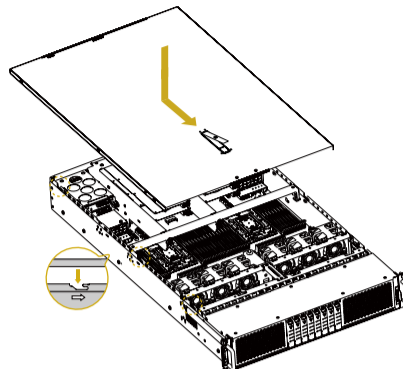
Release the mortise lock on the rear top cover of the chassis press the cover latch button on the top cover.



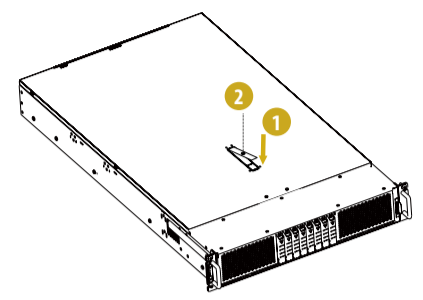
Push the top cover toward the REAR of the chassis to remove the cover from the locked position. Lift up and remo.



Lower the top rear cover on the chassis, making sure the side latches align with the cutouts slide the top rear cover toward the FRONT of the chassis.

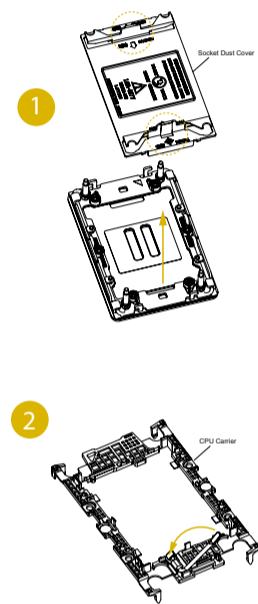


Press down the spring button to confirm the top cover is locked with the chassis secure the front cover to the chassis with screws.

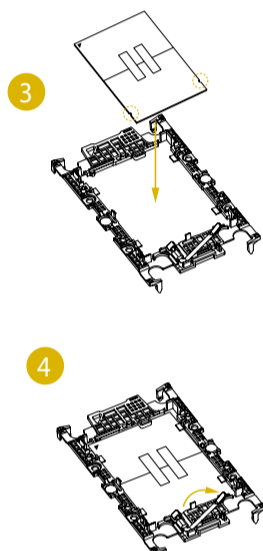


8 Install Processor and Heatsink

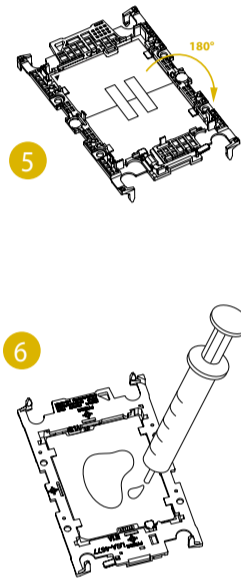
Remove the CPU socket cover and open the socket lever.



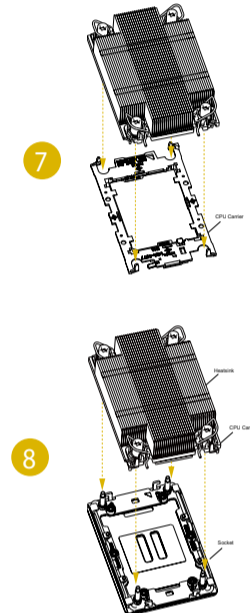
Align and install the processor on the carrier and make sure the arrow is located in the correct direction. Close the socket lever.



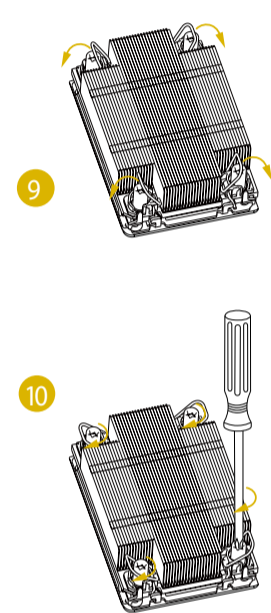
Carefully flip the carrier assembly. Apply a thermal paste.



Install the heatsink to the CPU carrier. Then install the heatsink and CPU carrier to the socket.



Tighten the corner fasteners. Secure the heastink to the motherboard with a screwdriver.

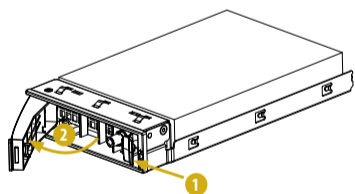


We recommend using the CPU Installation tool to avoid CPU pin-bent problem.

9 Install Hard Drive

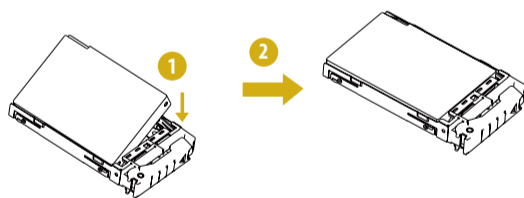
Hard Drive Tray

1. Press the locking lever latch on the drive tray to unlock the retention lever.
2. Rotate the lever out and away from the module bay and pull the hard drive out of the drive tray.



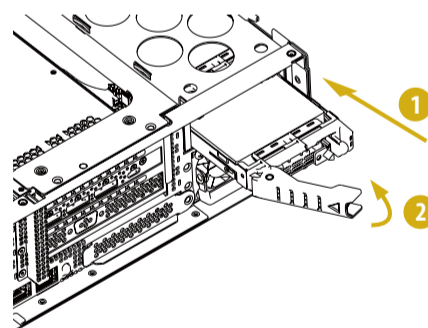
Installing a 2.5" Hard Drive to the Hard Drive Tray

1. Engage the one side of hard drive into the tray by aligning the side bracket.
2. Carefully push down the other side of the hard drive until it is locked into place.



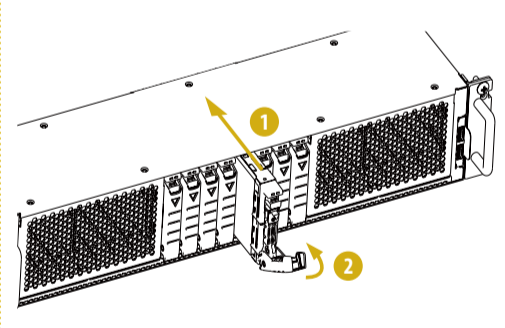
Rear Panel-Installing the HDD assembly

1. Slide the drive tray into the HDD bay until the drive is fully seated.
2. Push in the locking lever to lock the drive tray into place.



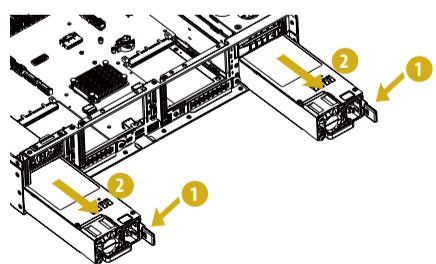
Front Panel-Installing the HDD assembly

1. Slide the drive tray into the HDD bay until the drive is fully seated.
2. Push in the locking lever to lock the drive tray into place.

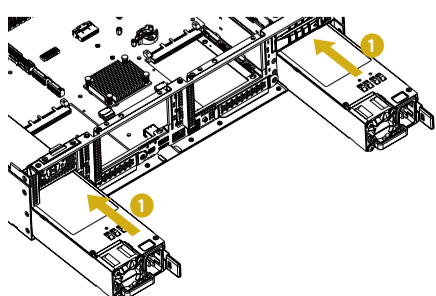


10 Replace PSU

Press the locking lever and hold on the handle to pull the Old PSU out.

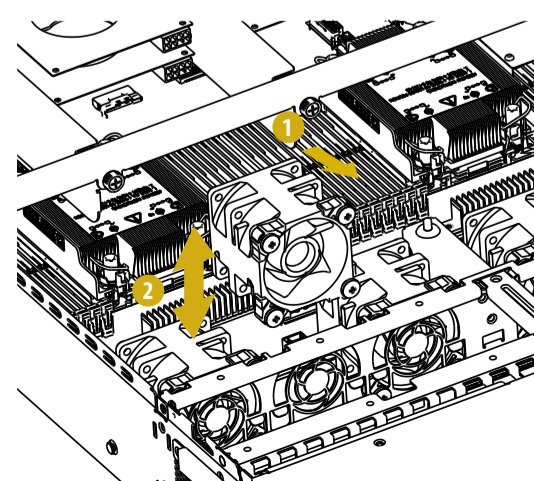


Slide the New PSU into the power supply.



11 Replace FAN

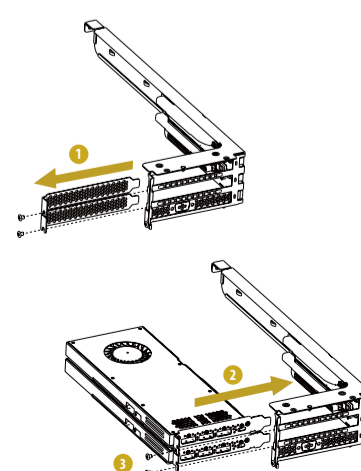
1. Press and hold the clip on the fan.
2. Align the mounting holes on the fan bar with the fan mount on the replacement fan.
3. Please be aware of the mount location of each fan.
4. Gently place the fan on the fan bar. Make sure the fan is well seated.
5. Connect the end of the fan cable to the fan connector.



12 Replace Add-In Card

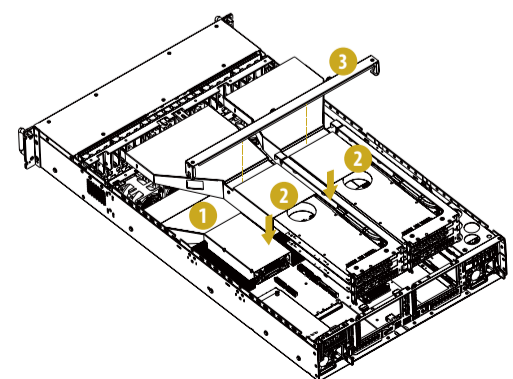
Installing the Add-in Card

1. Remove the screws and plate.
2. Install the add-in card to the riser-card bracket blanking.
3. Secure the add-in card to the assembly with screws.



Air Duct

1. Align the air duct over the heat sink and carefully lower the air duct in place. (Note: Please note the illustrations of the air ducts here are examples only. The looks may be different by products.)
2. Align the duct cover over the air duct and fasten it to the air duct.
3. Install the duct bracket over the duct assembly and lock it in place with the chassis.



*The illustration is for references only. The actual location may be slightly different by models.