



P/N: 15G065393000AR V1.0

Quick Installation Guide
4U60L8E-GENOA/2T



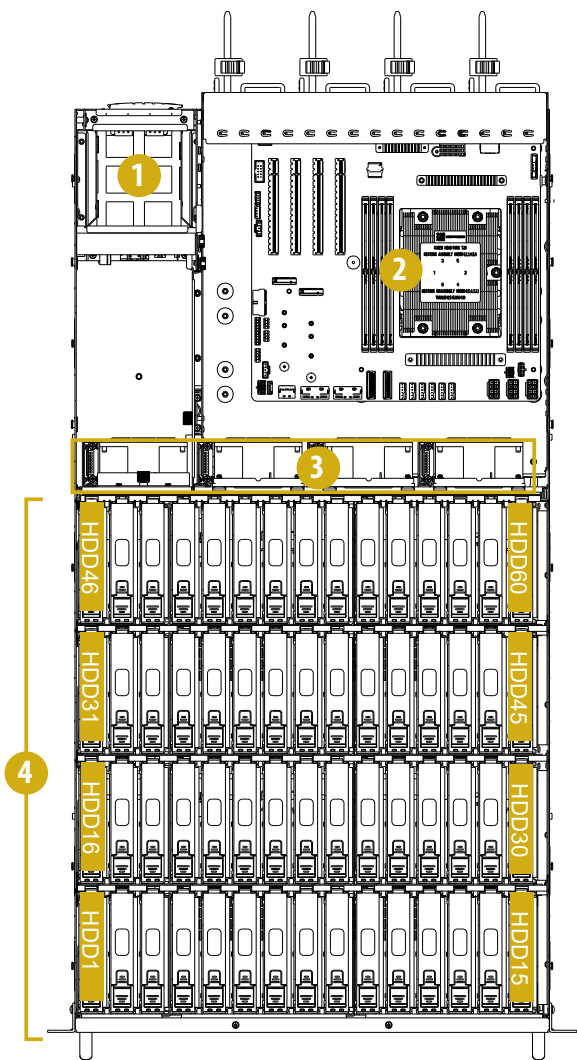
4U60L8E-GENOA/2T

The User 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.

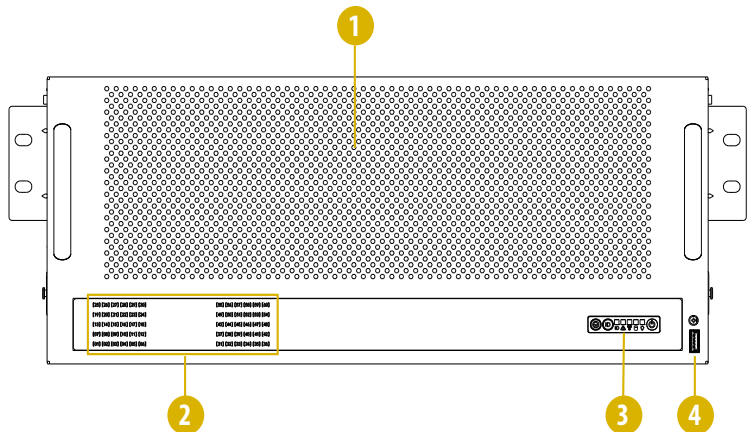
1. Unplug the power cord from the wall socket before touching any components.
2. To avoid damaging the components due to static electricity, NEVER place the components directly on the carpet or the like. Also remember to use a grounded wrist strap or touch a safety grounded object before installation.
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.

2 Internal Features



No.	Description
1	8 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays
2	Server board
3	4 PWM hot-swap 80x38mm fans
4	60 Hot-swap 3.5" SATA/SAS drive bays* *Additional RAID/HBA card required to support the 60 3.5" SATA/SAS drives

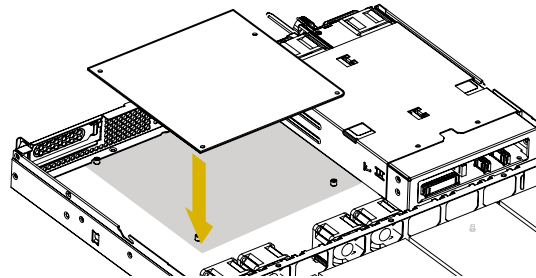
5 System Front Panel



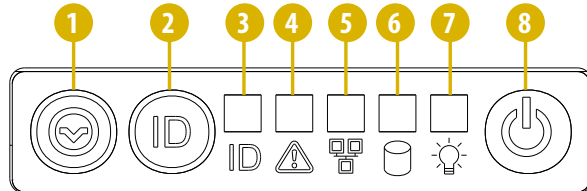
No.	Description
1	Front vent
2	60 3.5" Hard drive tray LEDs
3	Front I/O panel
4	1 Type-A (USB3.2 Gen1) port

1 Replace Server Board

- 1 Carefully unplug all cables and release screws 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.

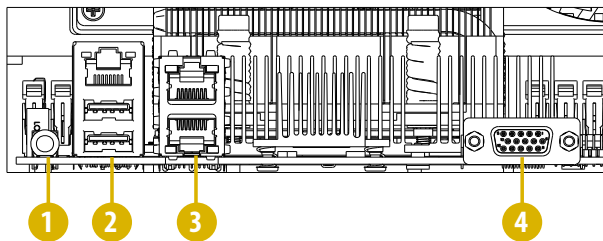


3 Front I/O Panel



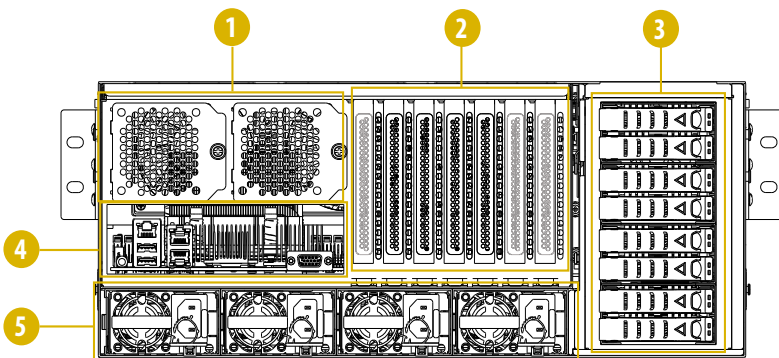
No.	Description
1	System reset button
2	ID button
3	ID LED
4	System fault LED
5	LAN activity LED
6	Hard drive (M.2) activity LED
7	Power LED
8	System power on/off button

4 Rear I/O Panel



No.	Description
1	ID button w/ LED
2	Upper: Dedicated IPMI LAN port Lower: 2 Type-A (USB3.2 Gen1) ports
3	2 RJ45 (10GbE) LAN ports (LAN1, LAN2)
4	DB15 (VGA)

6 System Rear Panel

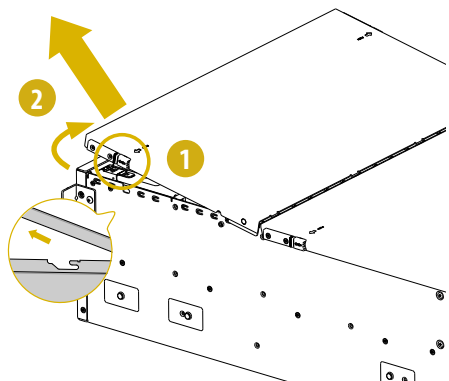


No.	Description
1	Rear vents
2	4 FHHL PCIe5.0 x16 slots
3	8 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays* *Supports TA@30C
4	Rear I/O panel (depends on the specification of the server board)
5	2+2 CRPS

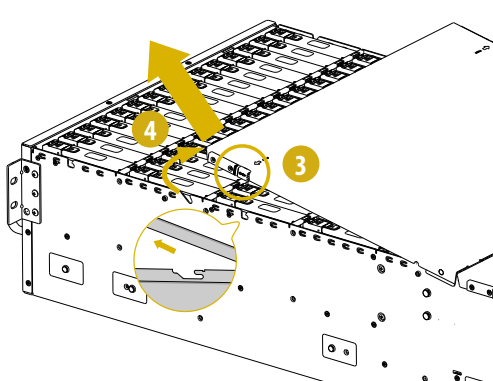


7 Remove Server Top Cover

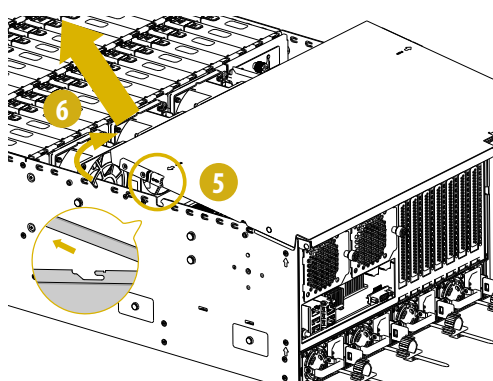
1. Push both tabs of the front cover toward the FRONT of the chassis.
2. Tilt the cover and remove it.



3. Push both tabs of the middle cover toward the FRONT of the chassis.
4. Tilt the cover and remove it.

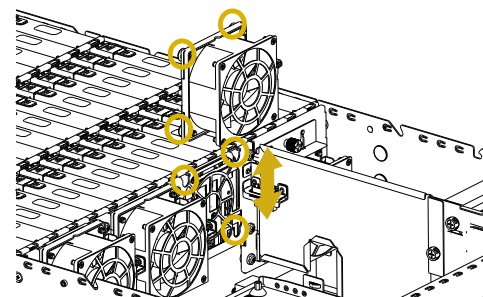


5. Push both tabs of the rear cover toward the FRONT of the chassis.
6. Tilt the cover and remove it.



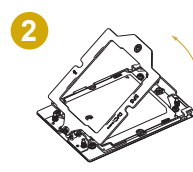
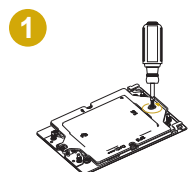
8 Replace System Fan

1. Lift to remove the failed fan.
2. Align the mounts on the replacement fan with the fan mounting holes on the fan bar.
3. Gently place the fan into the fan frame.
4. Make sure the fan is well seated and the fan connector is properly connected.

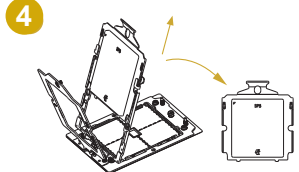
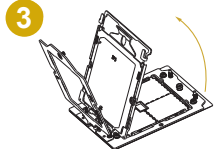


9 Install CPU and Heatsink (LGA 6096 Socket)

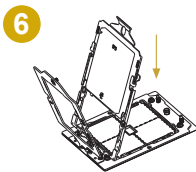
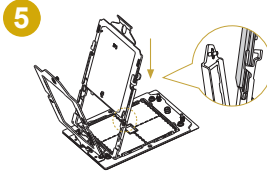
1. Locate the screw on the CPU socket and unscrew it. Open the first retention cover.



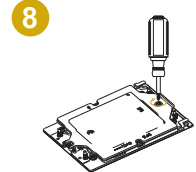
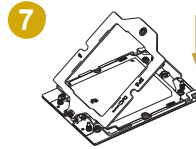
2. Open the second bracket. Take out the internal plastic cover.



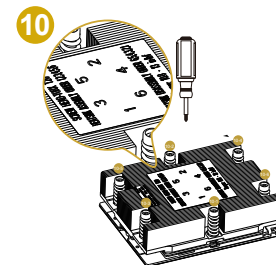
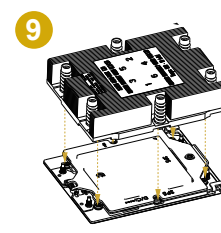
3. Install CPU along with the carrier frame. Do not separate them. Make sure the carrier frame with CPU is closely attached to the rail frame while inserting it.



4. Close the bracket that holds the CPU. Close the retention cover and fasten the screw.



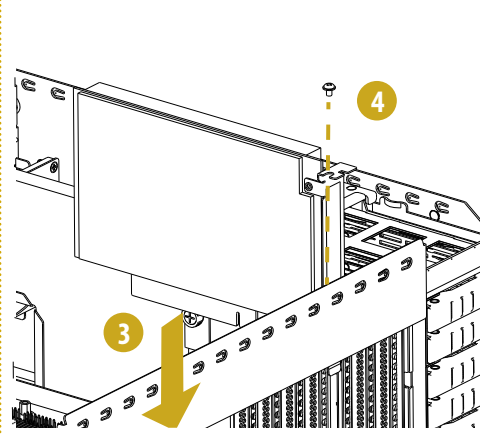
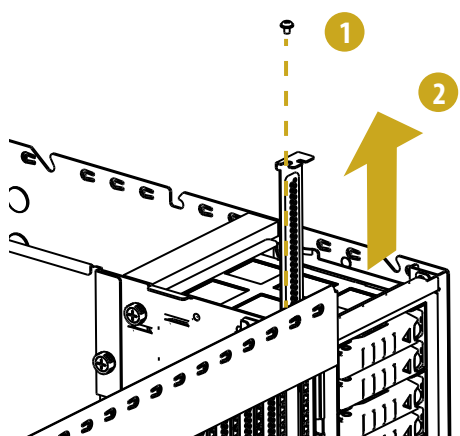
5. Install the heatsink to the CPU carrier. Secure the heatsink to the CPU carrier with a screwdriver.



Note: We recommend using the CPU installation tool to avoid CPU pin-bent problem.

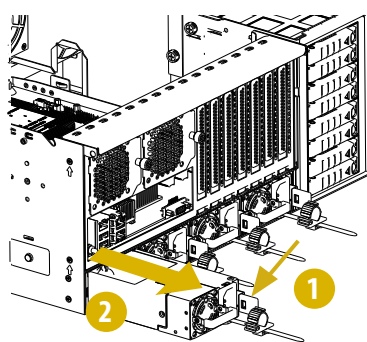
10 Install Add-in Card

1. Release the screw securing the slot cover to the chassis.
2. Remove the slot cover.
3. Install an add-in card into the slot.
4. Make sure the card is well seated and tighten the screw.

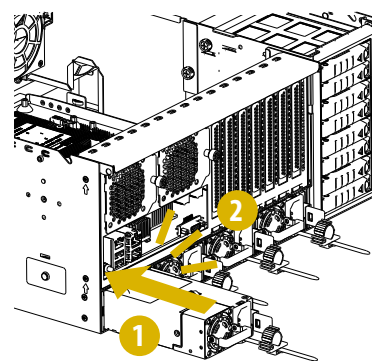


11 Replace Power Supply

1. Hold onto the power supply handle while pressing the locking lever towards the power supply handle.
2. Pull to remove the PSU from the chassis.



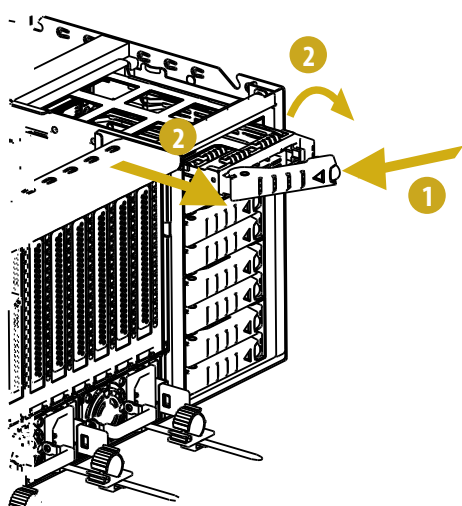
1. Carefully slide the PSU all the way into the power supply bay.
2. Make sure the PSU clicks into place and is well installed.



12 Remove Hard Drive Tray and Install Hard Drive

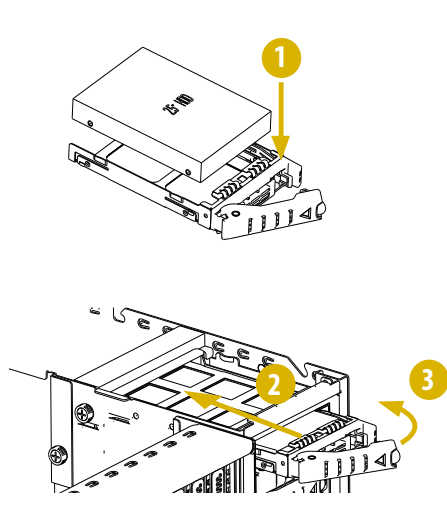
Removing the 2.5" Hard Drive Tray

1. Push the locking lever latch toward LEFT.
2. Rotate the lever out and pull the tray out.



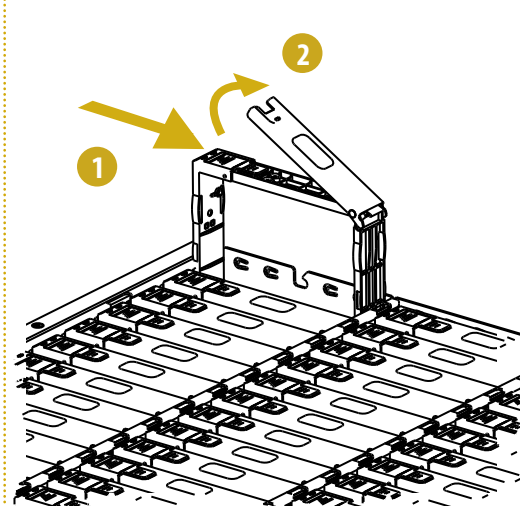
Installing the 2.5" Hard Drive

1. Place the 2.5" hard drive into the tray.
2. Slide the hard drive assembly into hard drive bay.
3. Rotate the lever in to lock the assembly.



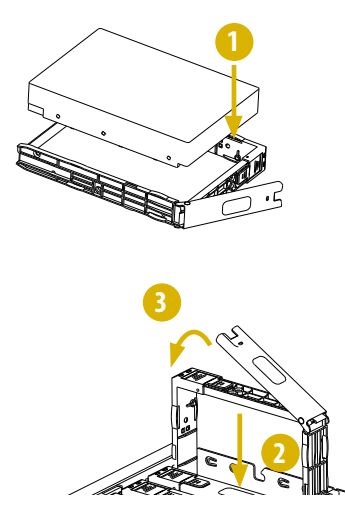
Removing the 3.5" Hard Drive Tray

1. Press the locking lever latch.
2. Rotate the lever and pull the tray out.



Installing the 3.5" Hard Drive

1. Place the 3.5" hard drive into the tray.
2. Slide the hard drive assembly into hard drive bay.
3. Push in the locking lever to lock the assembly.



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