



P/N: 15G065294000AR V1.0

Quick Installation Guide
1U10E-ALTRA/1L2T



1U10E-ALTRA/1L2T

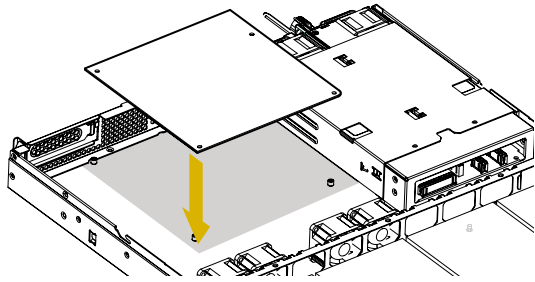
The User Manual is available for download from the ASRock Rack's official website at <http://www.asrockrack.com>.

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

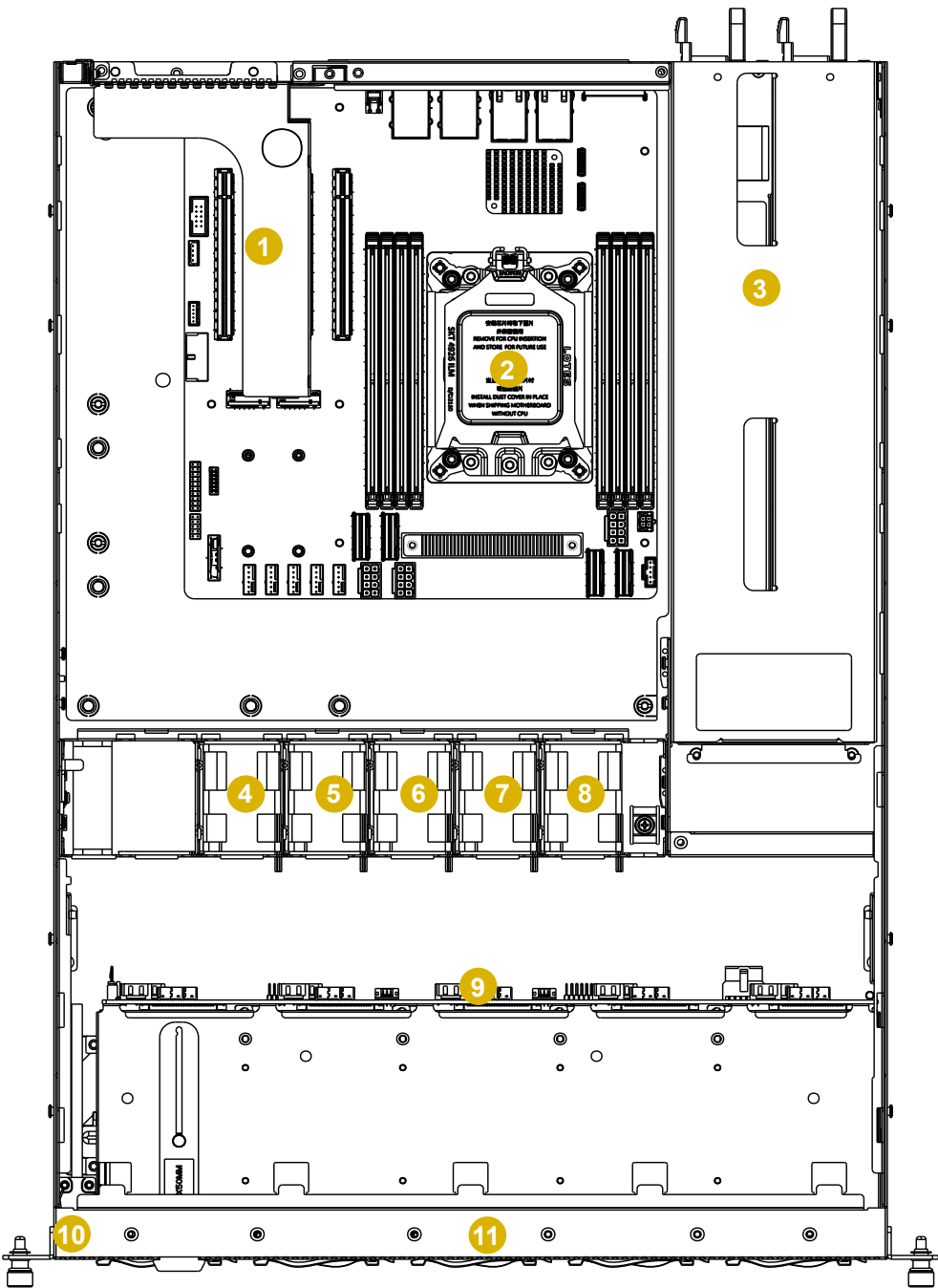
1. Unplug the power cord from the wall socket before touching any components.
2. To avoid damaging the components due to static electricity, NEVER place the components directly on the carpet or the like. Also remember to use a grounded wrist strap or touch a safety grounded object before installation.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

1 Replace Server Motherboard

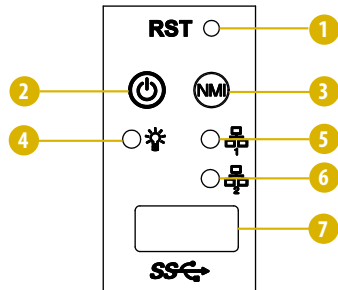
- 1 Carefully unplug all cables and release thumbscrews on the server motherboard to remove them from the barebone.
- 2 Align the replaced server motherboard with the mounting holes.
- 3 Affix the screws clockwise into the mounting holes in all of the corners of the server motherboard.
Do not over-tighten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



2 Internal Features

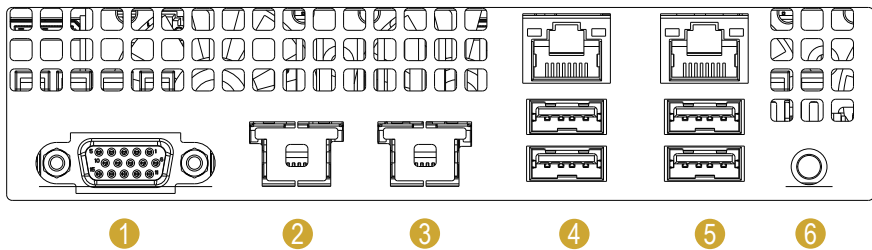


No.	Description
1	1 FHFL single-slot PCIe4.0 x16* via RB1UX16_G4 *Supports PCIe4.0 x8 when using Ampere Altra processors
2	Server motherboard
3	1+1 Slim PSU
4	PWM easy-swap 40x56mm fan (FAN5)
5	PWM easy-swap 40x56mm fan (FAN4)
6	PWM easy-swap 40x56mm fan (FAN3)
7	PWM easy-swap 40x56mm fan (FAN2)
8	PWM easy-swap 40x56mm fan (FAN1)
9	Hard drive backplane board (BPB)
10	Front panel board (FPB)
11	10 Hot-swap NVMe (PCIe4.0 x4) drive bays



No.	Description
1	System reset button
2	Power button
3	NMI button
4	Power LED
5	LAN1 Activity LED
6	LAN2 Activity LED
7	Type-A (USB3.2 Gen1) port

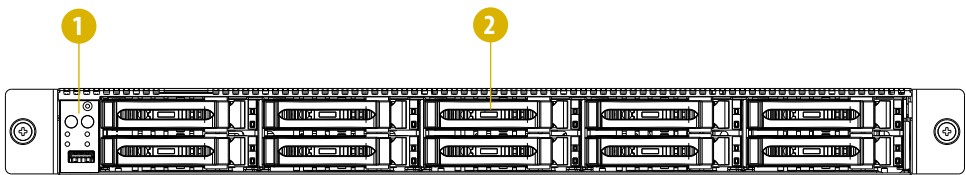
4 Rear I/O Panel



No.	Description
1	1 DB15 (VGA)
2	1 RJ45 (10GbE) LAN port
3	1 RJ45 (10GbE) LAN port
4	Upper: 1 RJ45 (1GbE) LAN port Lower: 2 Type-A (USB3.2 Gen1)

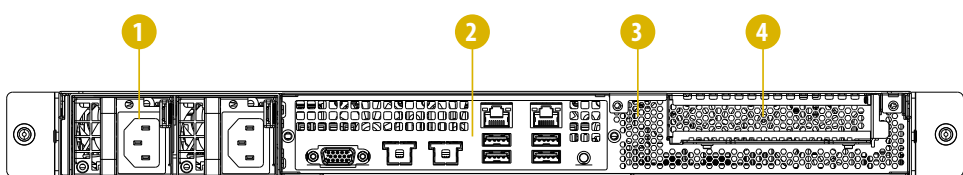
No.	Description
5	Upper: 1 Dedicated IPMI LAN port Lower: 2 Type-A (USB3.2 Gen1)
6	1 UID button w/ LED

5 System Front Panel



No.	Description
1	Front I/O panel
2	10 Hot-swap NVMe (PCIe4.0 x4) drive bays

6 System Rear Panel

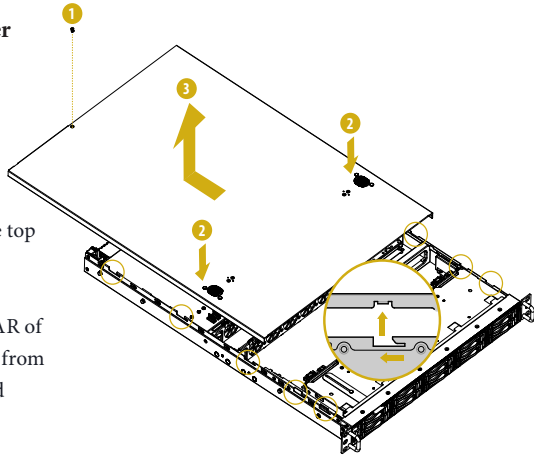


No.	Description
1	1+1 Slim PSU
2	Rear I/O panel
3	Rear vent
4	1 FHFL single-slot PCIe4.0 x16* via RB1UX16_G4 *Supports PCIe4.0 x8 when using Ampere Altra processors

7 Remove and Install Top Cover

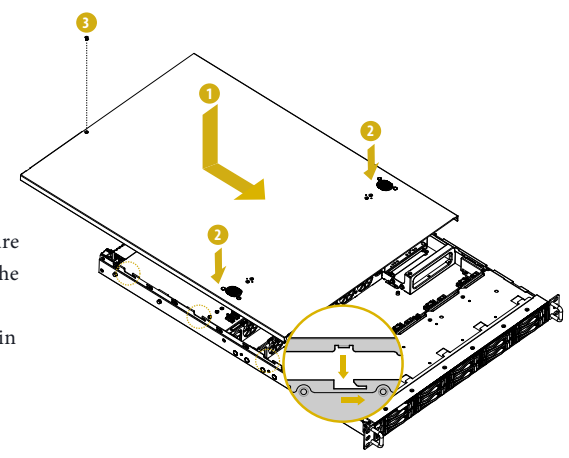
Removing the Server Top Cover

1. Remove the screw securing the top cover to the chassis.
2. Press the latches on the cover.
3. Push the cover toward the REAR of the chassis to release the cover from the locked position. Lift up and remove the cover.

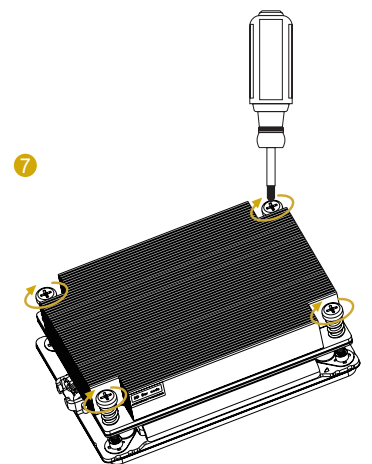
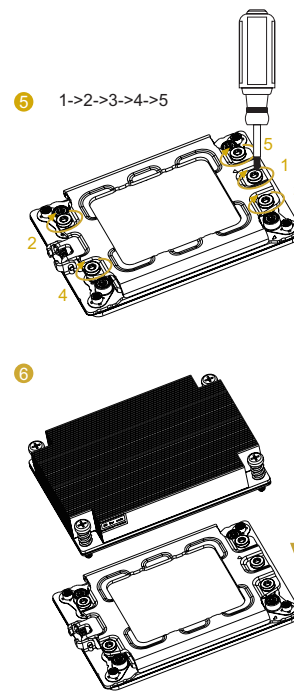
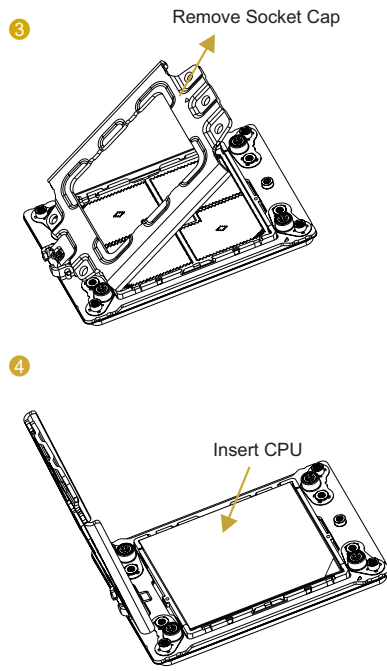
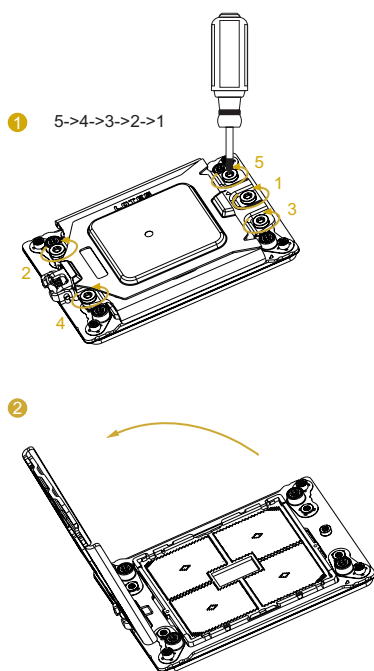


Installing the Server Top Cover

1. Lower the top cover on the chassis, making sure the side latches align with the cutouts. Slide the cover toward the FRONT of the chassis.
2. Press down on the latches and slide the cover in place.
3. Secure the cover with the screw.



8 Install CPU and Heatsink (LGA 4926 Socket and LOTES SKT4926)

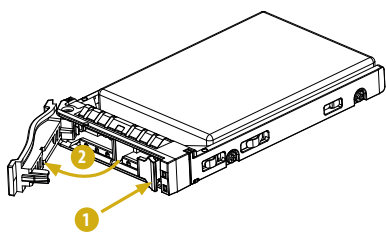


Note: We recommend using the CPU installation tool to avoid CPU pin-bent problem.

9 Install Hard Drive

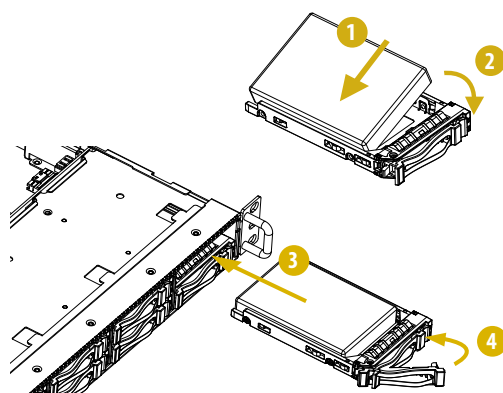
Removing Hard Drive Tray from the Chassis

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



Installing Hard Drive to the Chassis

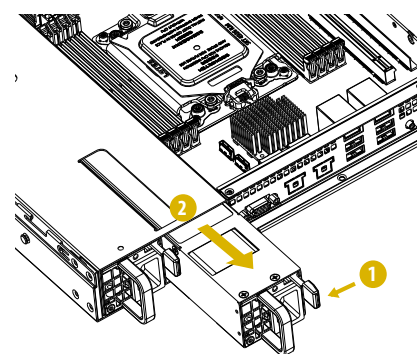
1. Engage two embossed pins into the side dimples on the hard drive tray.
2. Carefully push down the other side of the hard drive.
3. Slide the tray into the hard drive bay until the drive is fully seated.
4. Push in the locking lever to lock the tray in place.



10 Replace PSU

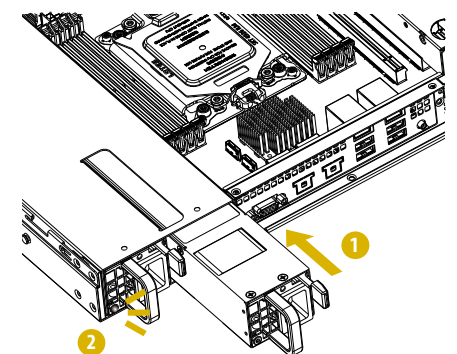
Removing the Power Supply Unit

1. Hold onto the power supply handle while pressing the locking lever towards the power supply handle.*
*The illustration is for references only. The actual PSU type may be slightly different by models.
2. Pull to remove the PSU from the chassis.



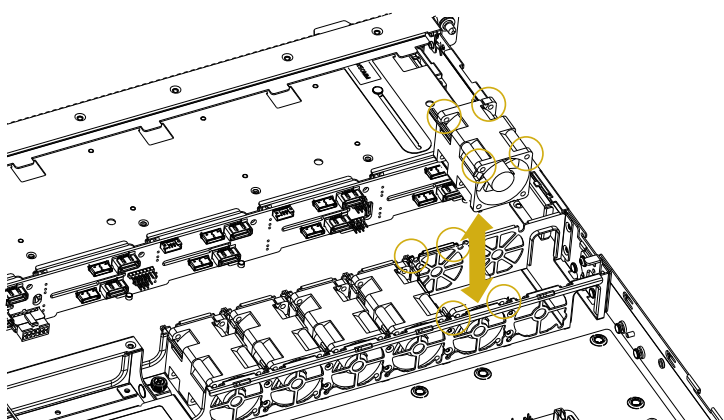
Installing the Power Supply Unit

1. Align the power supply unit with the power supply bay. Ensure the LED appears on the lower left when installing the PSU.
2. Carefully slide the PSU all the way into the bay until the PSU clicks in place.



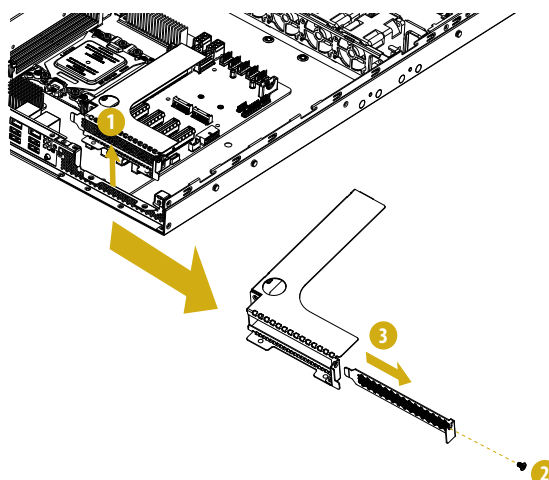
11 Replace Fan

1. Unplug the fan connector and remove the failed fan.
2. Align the mounting holes on the fan bar with the fan mounts on the replacement fan corners.
3. Gently place the fan on the fan bar. Make sure the fan is well seated.
4. Connect the end of the fan cable to the fan connector.

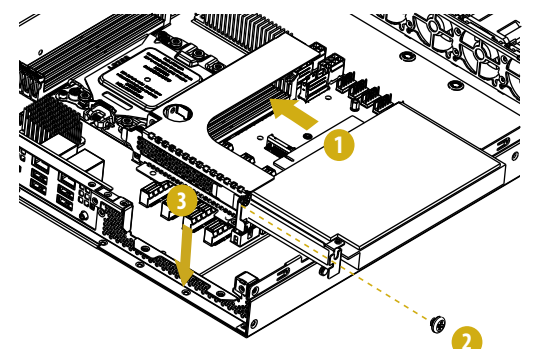


12 Install Add-In Card

1. Lift up the riser-card bracket.
2. Remove the screw securing the blanking plate on the bracket.
3. Slide the blanking plate out sideways.



1. Install the add-in card to the assembly.
2. Secure the add-in card to the assembly with the screw.
3. Align the assembly with the opening of the chassis. Make sure it is properly installed.



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