



P/N: 15G065370000AR V1.0

Quick Installation Guide
3U16L2S-SIENA



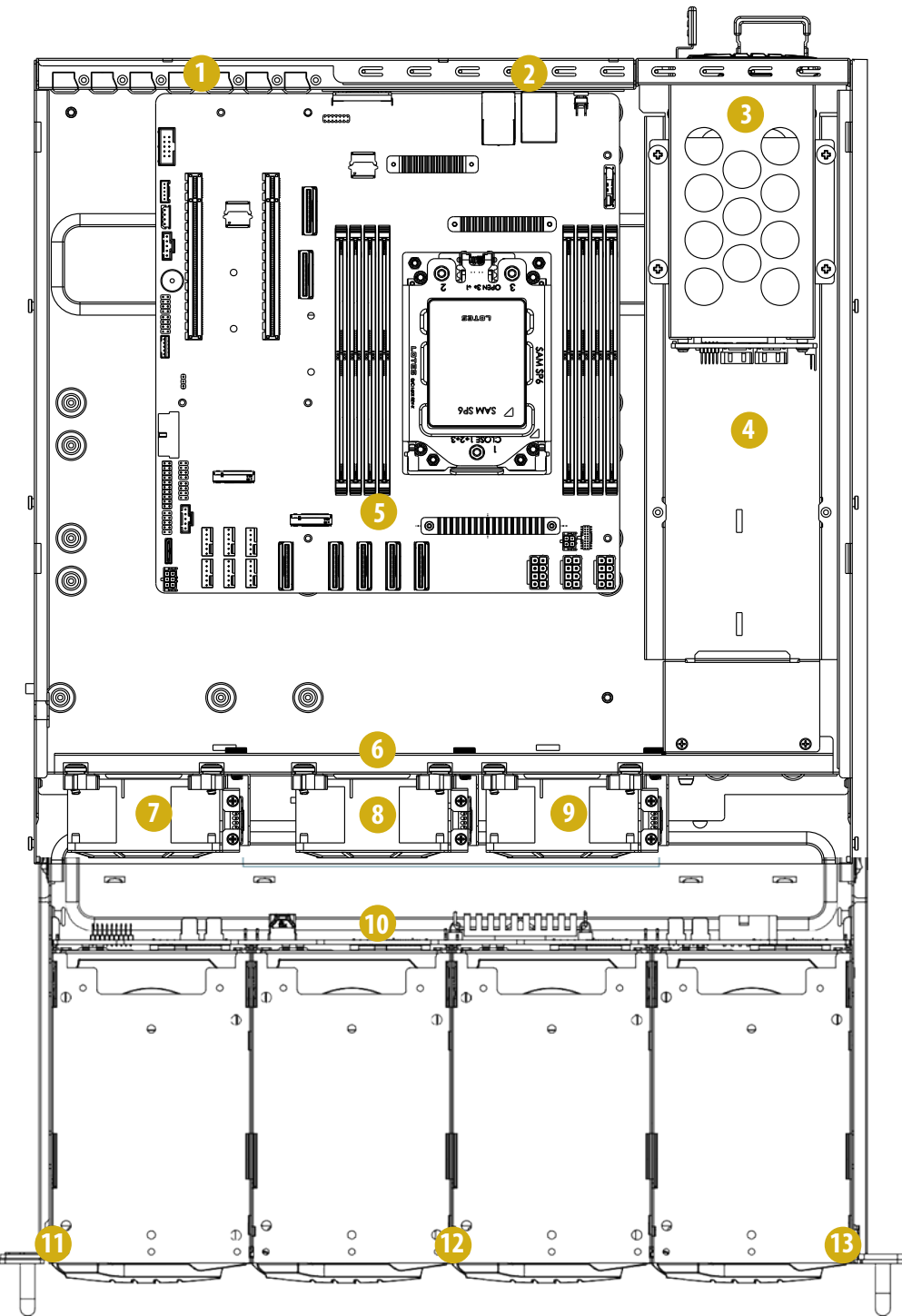
3U16L2S-SIENA

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

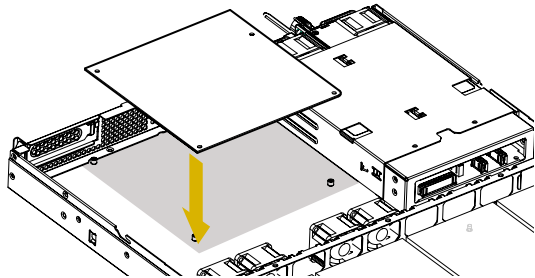


No.	Description
1	Spare slot brackets
2	Rear I/O panel (depends on the specification of the server motherboard)
3	2 Hot-swap 2.5" SATA drive bays
4	1+1 CRPS
5	Server motherboard
6	Fan bracket

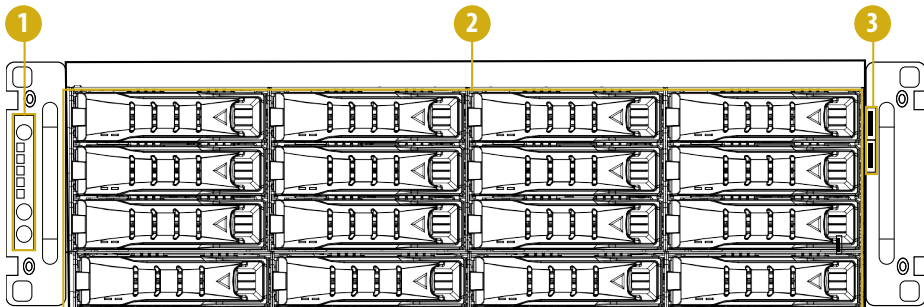
No.	Description
7	PWM Hot-swap 80x38mm fan (FAN1)
8	PWM Hot-swap 80x38mm fan (FAN2)
9	PWM Hot-swap 80x38mm fan (FAN3)
10	16-port SATA passive backplane (BPB)
11	Front I/O panel
12	16 Hot-swap 3.5" SATA drive bays
13	Front I/O panel

1 Replace Server Motherboard

- 1 Carefully unplug all cables and release screws 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.

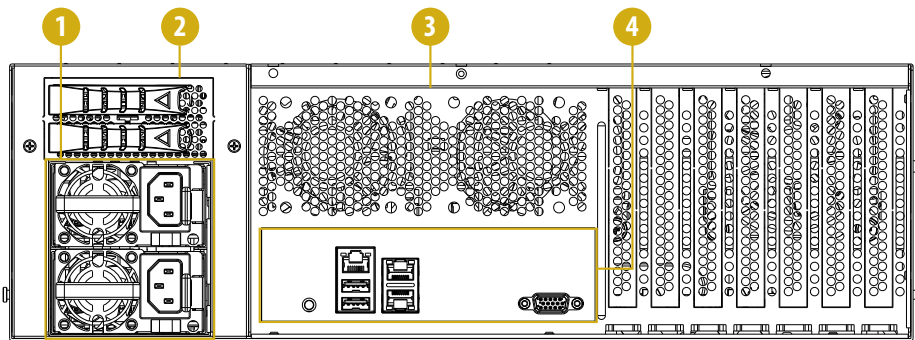


3 System Front Panel



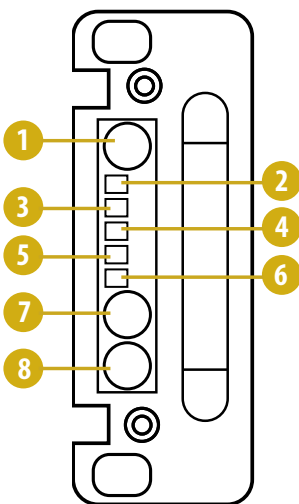
No.	Description
1	Front I/O panel
2	16 Hot-swap 3.5" SATA drive bays
3	2 Type-A (USB 3.2 Gen1) ports

4 System Rear Panel



No.	Description
1	1+1 CRPS
2	2 Hot-swap 2.5" SATA drive bays, support 15mm height
3	Rear vent
4	Rear I/O panel (depends on the specification of the server motherboard)

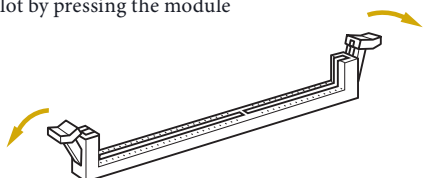
5 Front I/O Panel



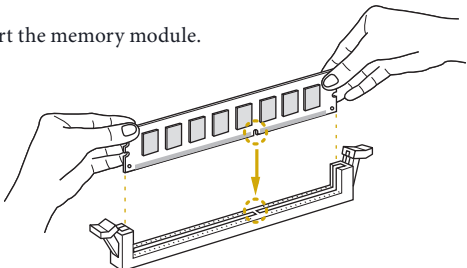
No.	Descriptions
1	Power button
2	Power LED
3	Hard drive activity LED
4	LAN LED
5	System event LED
6	ID LED
7	ID button
8	System reset button

6 Install the Memory Module

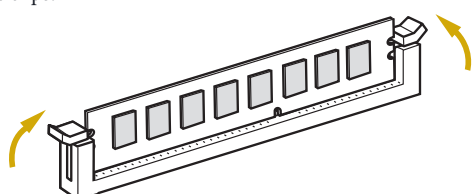
- 1 Unlock a DIMM slot by pressing the module clips outward.



- 2 Insert the memory module.



- 3 Lock the clips.

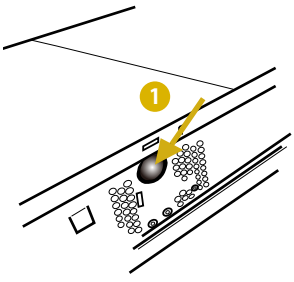




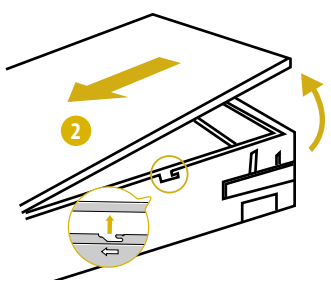
7 Remove and Install Top Cover

Removing Top Cover

1. Press the locking button on both sides of chassis.

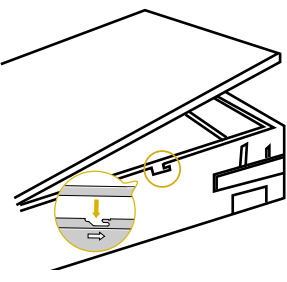


2. Push the top cover toward the REAR side of the chassis.
3. Lift up and remove the top cover.

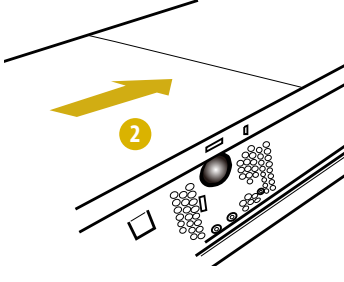


Installing Top Cover

1. Align the side latches with the cutouts.



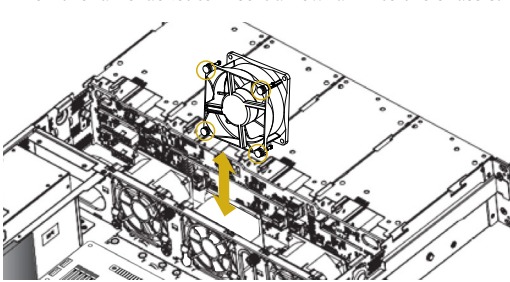
2. Push the top cover toward the FRONT side of the chassis until hearing clicks.



8 Replace System Fan

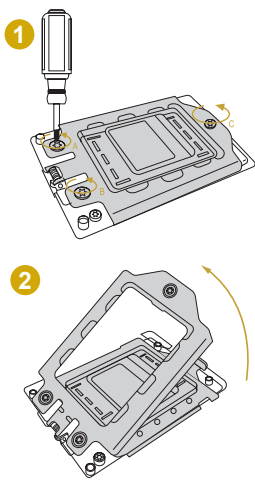
Replacing Fan

1. Unplug all the cables around the fan.
2. Lift to remove the failed fan.
3. Align the mounts on the fan with the mounting holes on the fan bracket to insert a new fan into the chassis.

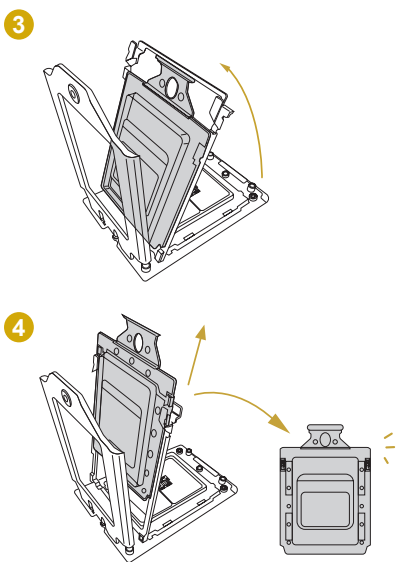


9 Install CPU (LGA 4844 Socket)

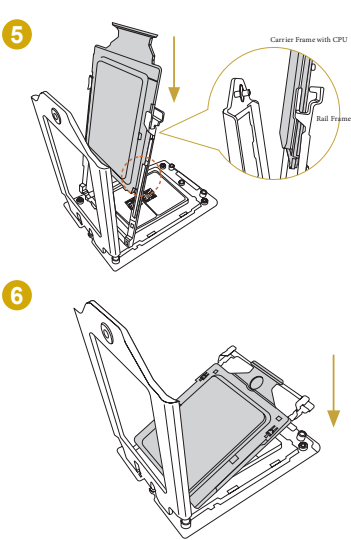
Locate the screw on the CPU socket and unscrew it. Open the first retention cover.



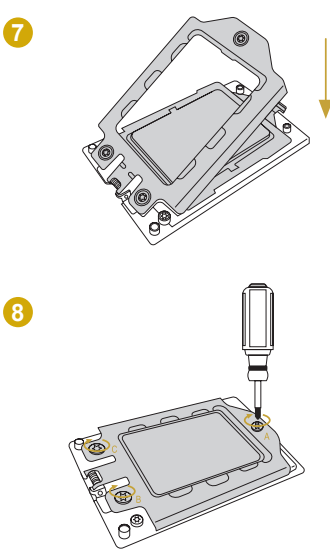
Open the second bracket. Take out the internal plastic cover.



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.



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

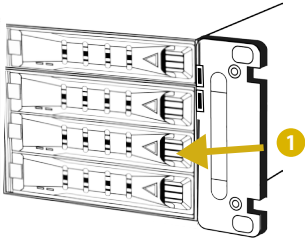


Note: We recommend using the CPU installation tool to avoid CPU pin-bent problem.

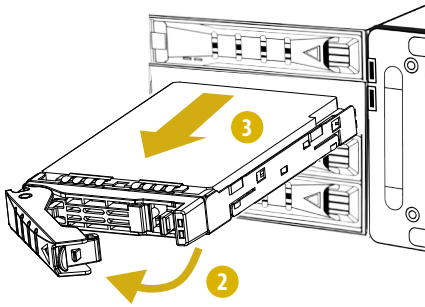
10 Remove and Install Hard Drive

Removing the 3.5" Hard Drive

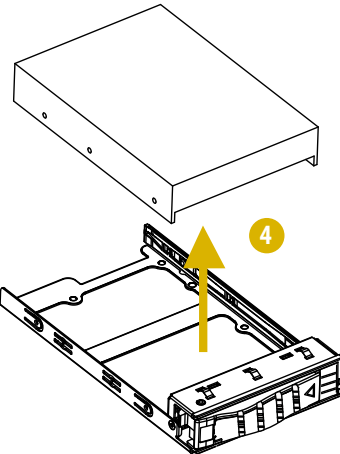
1. Press the locking lever latch to unlock the lever.



2. Rotate the lever out and away from the bay.
3. Pull the tray out of the chassis.

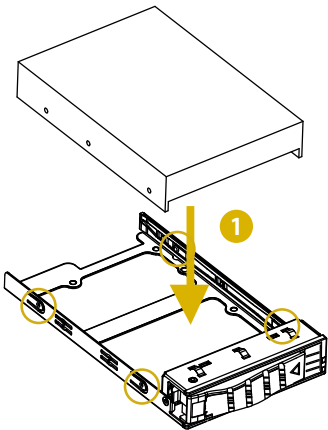


4. Remove the hard drive by pushing the hard drive out from the backside of the tray.

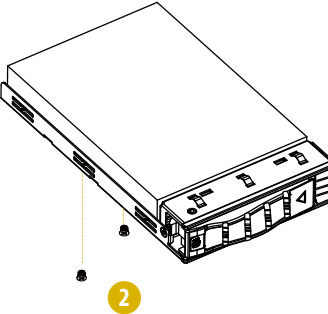


Installing the 3.5" Hard Drive

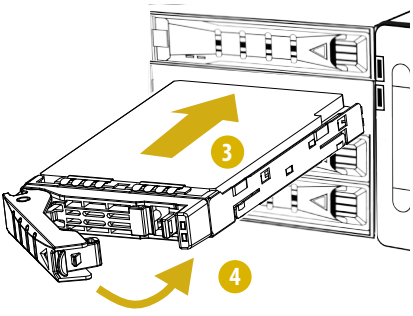
1. Align the tray's dimples to insert the hard drive into the tray until the side dimples lock in place.



2. Secure the hard drive to the tray with two screws.

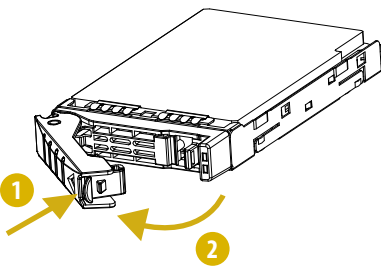


3. Insert the tray into the hard drive bay.
4. Push in the locking lever to lock the tray in place.



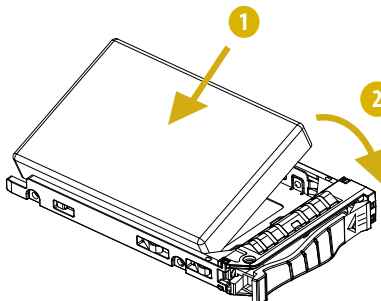
Removing the 2.5" Hard Drive

1. Press the locking lever latch to unlock lever.
2. Rotate the lever out and away from the bay and pull the hard drive out.

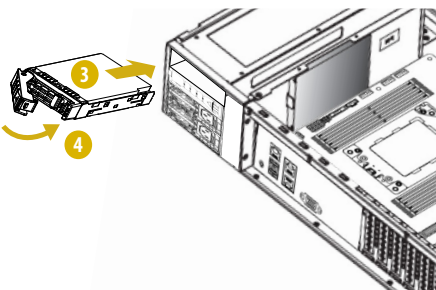


Installing the 2.5" Hard Drive

1. Engage two embossed pins into the side dimples on the tray.
2. Push down the other side of the drive until locking.

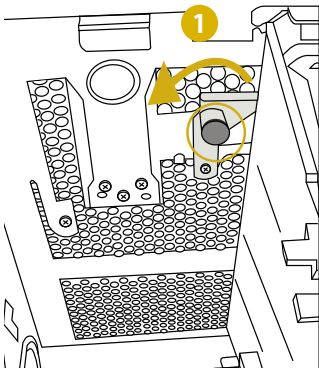


3. Slide the tray into the hard drive bay.
4. Push in the locking lever to lock the tray in place.

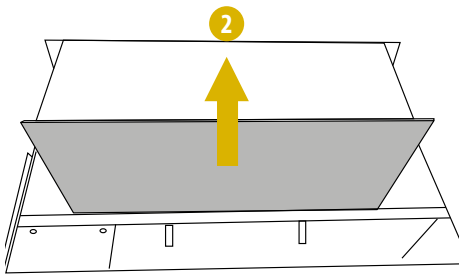


11 Remove the BPB

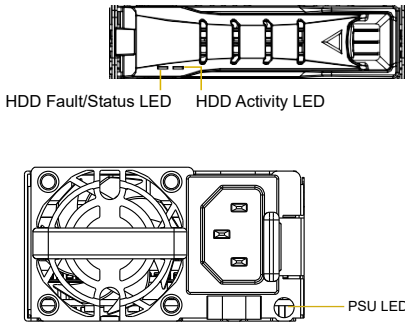
1. Unplug all cables from the backplane module and release the module by shifting the hook.



2. Hold on both sides of the module to lift the module upward.



12 Hard Drive Tray and PSU LEDs



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