



P/N: 15G065243000AR V1.0

Quick Installation Guide
1U10E-MILAN2



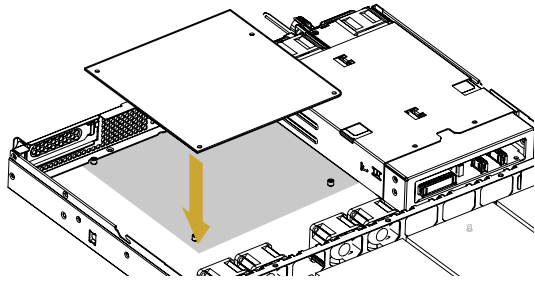
The User's Manual is available for download from the ASRock Rack's official website at <http://www.asrockrack.com>.

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

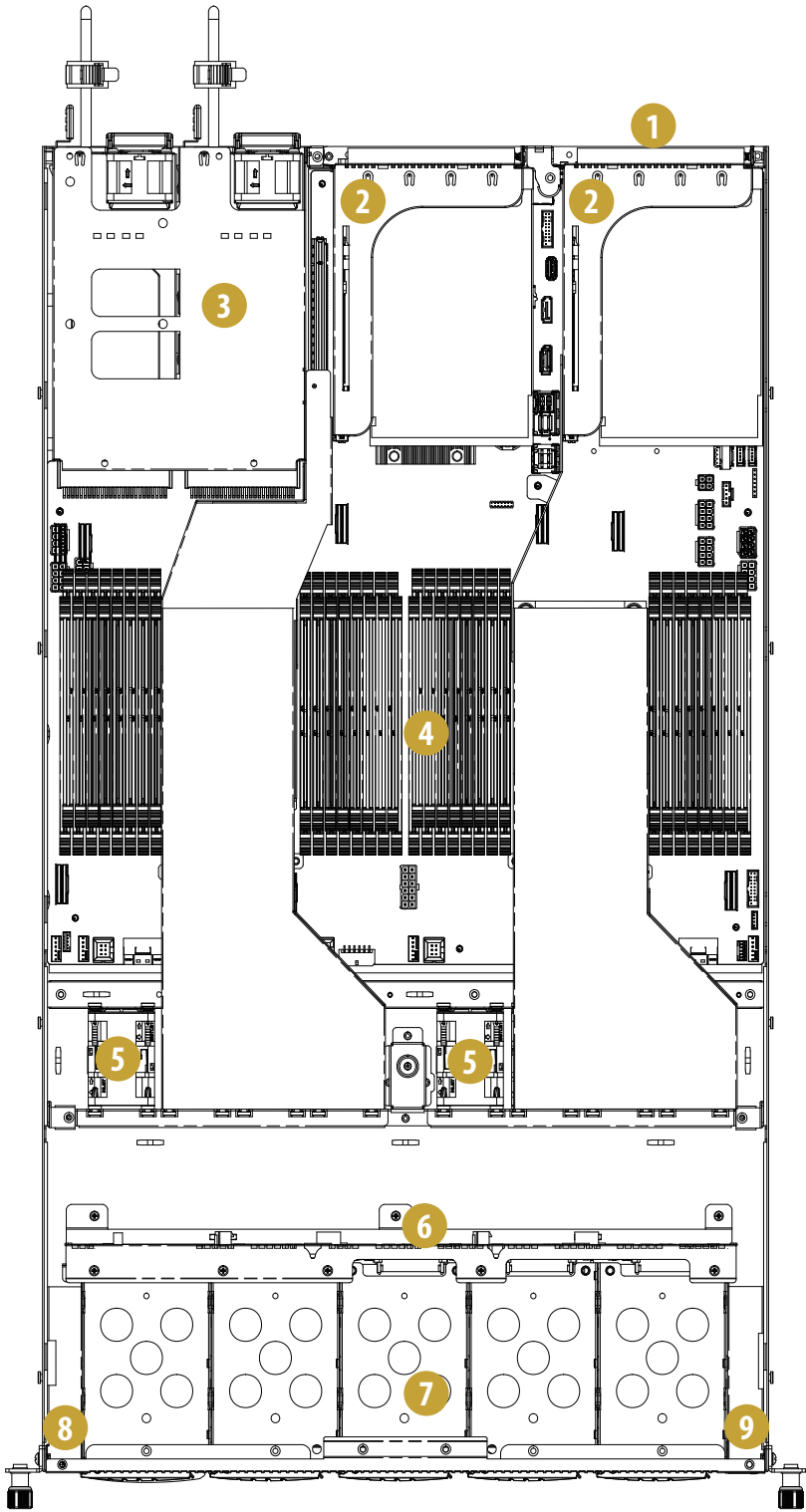
1. Unplug the power cord from the wall socket before touching any components.
2. To avoid damaging the components due to static electricity, NEVER place the components directly on the carpet or the like. Also remember to use a grounded wrist strap or touch a safety grounded object before installation.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



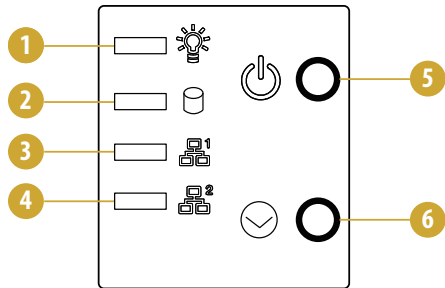
2 Top View



No. Description

- | | |
|---|---|
| 1 | 1 OCP NIC 3.0 (PCIe4.0 x16) |
| 2 | 2 FHHL PCIe4.0 x16 |
| 3 | 1+1 CRPS 1600W |
| 4 | Server Boards (ROME2D32LM3) |
| 5 | 8 PWM hot-swap 40 x 56 mm fans |
| 6 | Back Panel Board (BPB) |
| 7 | 10 hot-swap 2.5" NVMe (PCIe4.0 x4) drive bays |
| 8 | USB Board |
| 9 | Front Panel Board (FPB) |

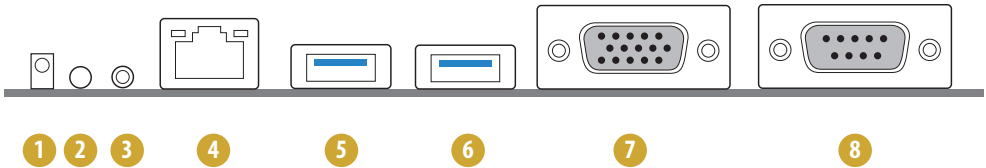
3 Control Panel



No. Description

- | | |
|---|-----------------------|
| 1 | Power LED |
| 2 | Hard Drive Status LED |
| 3 | LAN1 Activity LED |
| 4 | LAN2 Activity LED |
| 5 | Power Button |
| 6 | System Reset Button |

4 I/O Panel



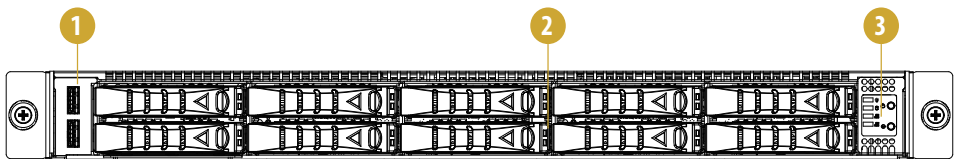
No. Description

- | | |
|---|-----------------------------------|
| 1 | System Fault LED (SYS_FAULT_LED1) |
| 2 | Power Switch (PWR_BTN1) |
| 3 | UID Switch (UID1) |
| 4 | LAN RJ-45 Port (IPMI_LAN) |

No. Description

- | | |
|---|----------------------------|
| 5 | USB 3.2 Gen1 Port (USB3_1) |
| 6 | USB 3.2 Gen1 Port (USB3_2) |
| 7 | VGA Port (VGA1) |
| 8 | Serial Port (COM1) |

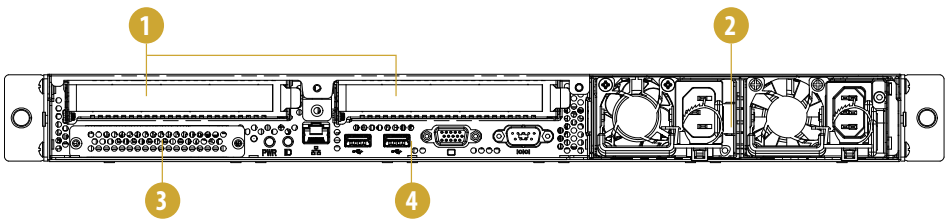
5 Front Panel



No. Description

- | | |
|---|---|
| 1 | 2 Type-A (USB3.2 Gen1) |
| 2 | 10 hot-swap 2.5" NVMe (PCIe4.0 x4) drive bays |
| 3 | Control Panel Buttons and LED Indicators |

6 Rear Panel



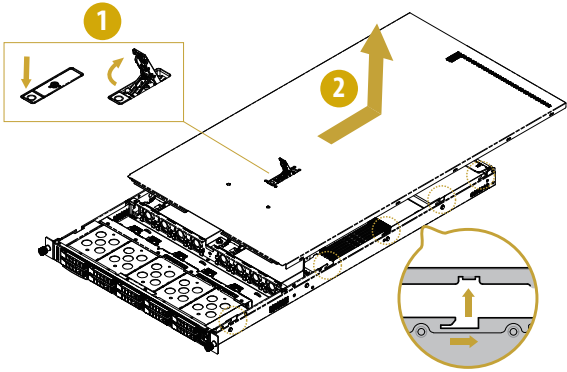
No. Description

- | | |
|---|---|
| 1 | 2 FHHL PCIe4.0 x16 |
| 2 | 1+1 CRPS 1600W |
| 3 | 1 OCP NIC 3.0 (PCIe4.0 x16) |
| 4 | I/O Shield (depends on the specification of the server board) |

7 Remove and Install Top Cover

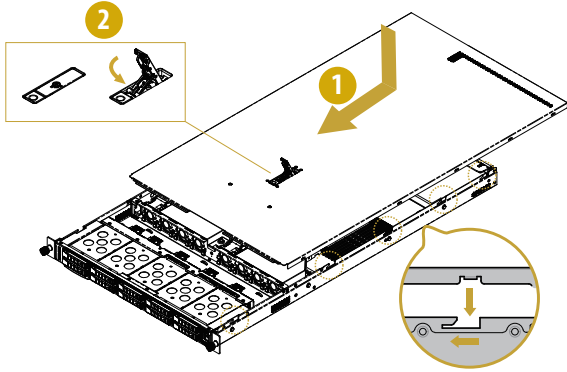
Removing the Server Top Cover

1. Press the button on the top cover.
2. Push the top cover toward the REAR of the chassis to remove the cover.



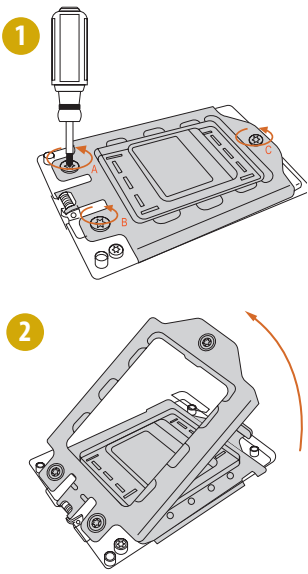
Installing the Server Top Cover

1. Align the side latches with the cutouts. Slide the top cover toward the FRONT side to install it.
2. Press down the top button to lock the top cover with the chassis..

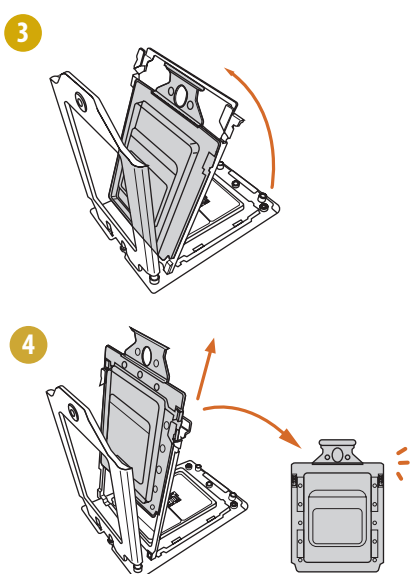


8 Install Processor and Heatsink

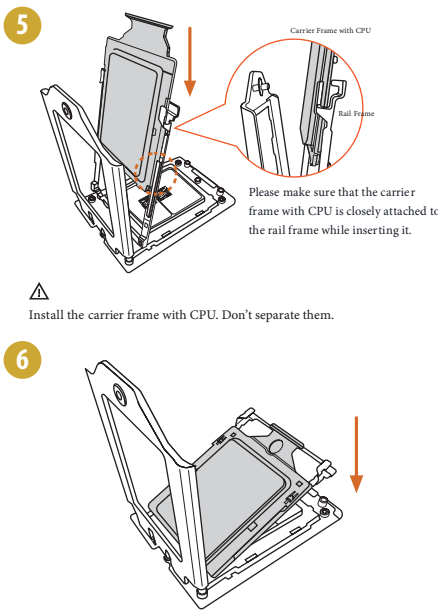
Locate the three torx screws on the CPU socket and unscrew them according to the order A→B→C. Open the first retention cover.



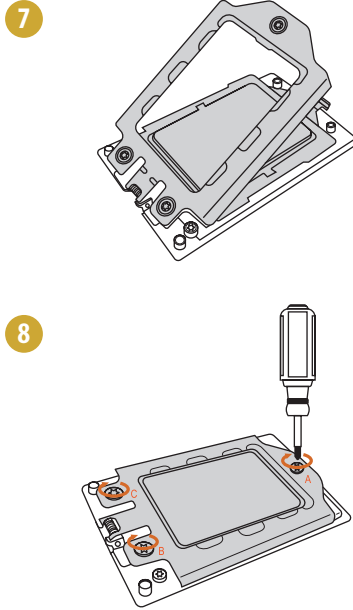
Open the second bracket. Take out the internal plastic cover.



Install CPU along with the carrier frame, do not separate them. Please make sure the carrier frame with CPU is closely attached to the rail frame while inserting it.



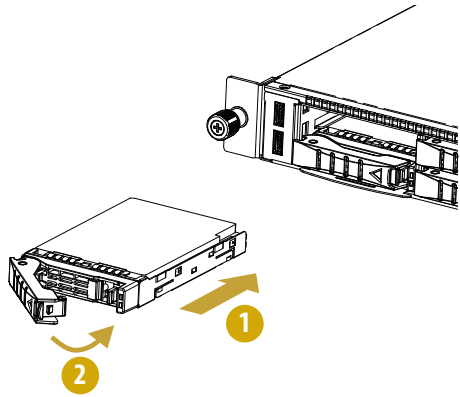
Close the bracket that holds the CPU. Close the retention cover. Fasten the torx screw according to the order A→B→C.



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

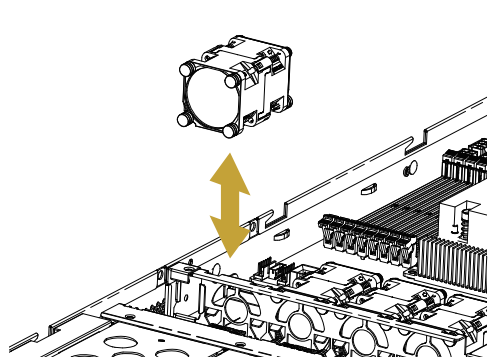
9 Install Hard Drive

1. Slide the tray with 2.5" Hard Drive into the Hard Drive bay.
2. Push in the locking lever to lock the tray into place.



10 Replace System Fan

1. Align the mounting holes on the fan bar with the fan mount on the replacement fan.
2. Place the fan on the fan bar and well seated.

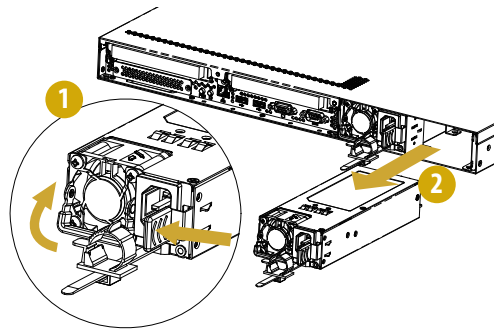


* Please be aware of the mount location of each fan.

11 Replace PSU

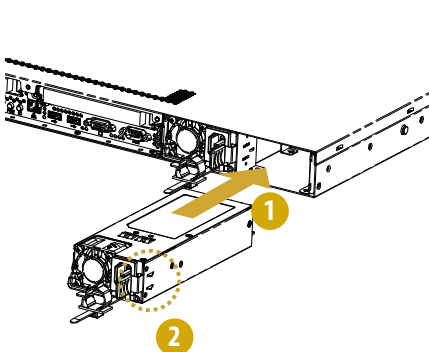
Removing the Power Supply Unit

1. Hold onto the power supply handle while pressing the locking lever.
2. Pull the power supply out.



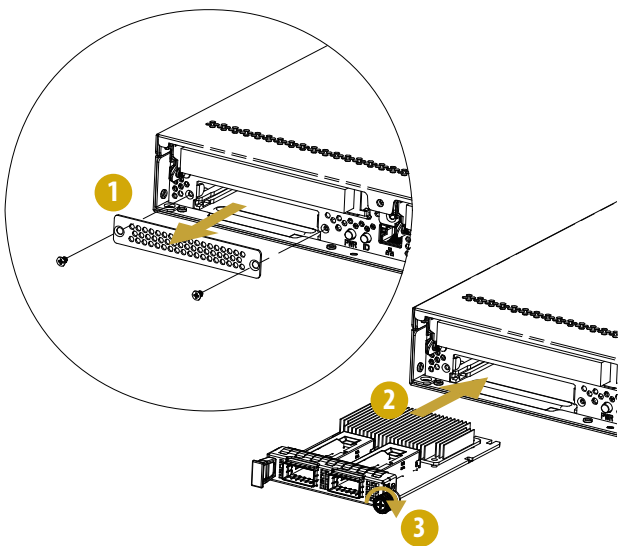
Installing the Power Supply Unit

1. Slide the PSU into the power supply bay.
2. Make sure the power supply clicks into place and is well installed.



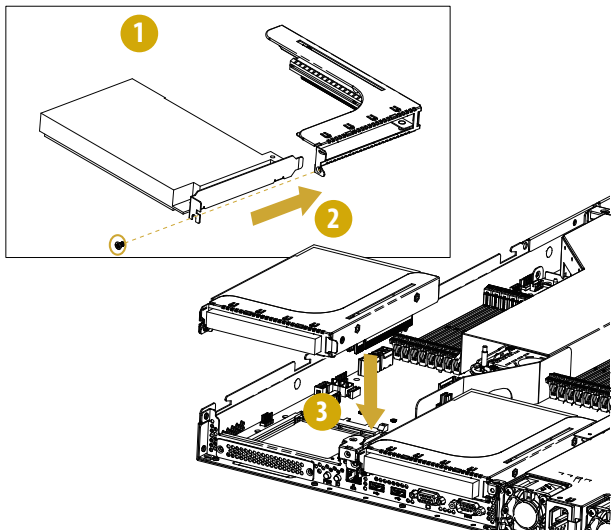
12 Install OCP

1. Release the screws to remove the slot cover.
2. Install an OCP card into the slot.
3. Make sure the card is well seated and hand-tighten the thumbscrew.



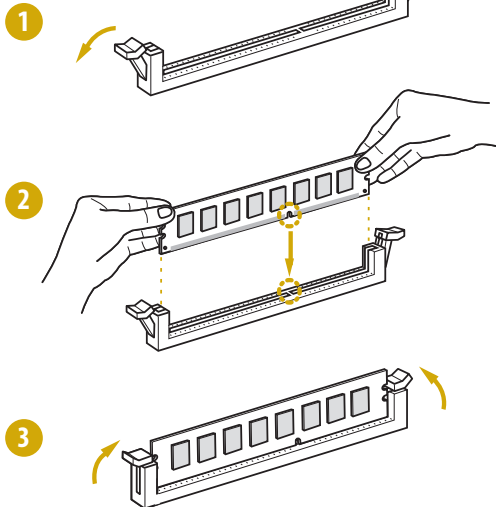
13 Install Add-In Card

1. Install the Add-in card to the riser card bracket.
2. Secure the riser card bracket with screws.
3. Align the riser card assembly with the openings of the chassis and place it into the chassis.



14 Install DIMM

1. Unlock a DIMM slot by pressing the module clips outward.
2. Insert the memory module.
3. Lock the clips.



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