



OPEN Industry Standard, Flexible Architecture

GREEN Less Heat, Less Power Consumption

STABLE Robust Design, Quality Parts

Stable and
Reliable Solution

Server/Workstation
Motherboard

1U1G4E1S-TURIN

User Manual

English



Version 1.00

Published Aug. 2026

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

CALIFORNIA, USA ONLY

The Lithium battery adopted on this server board contains Perchlorate, a toxic substance controlled in Perchlorate Best Management Practices (BMP) regulations passed by the California Legislature. When you discard the Lithium battery in California, USA, please follow the related regulations in advance.

“Perchlorate Material-special handling may apply, see www.dtsc.ca.gov/hazardouswaste/perchlorate”

Setting up the Server in a Restricted Access Location/Restricted Access Area

- Access can only be gained by service persons or by users who have been instructed about the reasons for the restrictions applied to the location and about any precautions that shall be taken.
- Access is through the use of a tool or lock and key, or other means of security, and is controlled by the authority responsible for the location.
- Leave enough clearance (25 inches in the front and 30 inches in the back of the rack) to allow the front door to be opened completely and to allow for sufficient airflow.
- This product is for installation merely in a Restricted Access Location.
- This product is not suitable for use with visual display work place devices according to §2 of the the German Ordinance for Work with Visual Display Units.
- Only skilled person and Instructed person can remove the chassis covers to access the inside of the system.

ASRock Rack's Website: www.ASRockRack.com

Replaceable Batteries

CAUTION

**RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS**

Warning

When removal of the chassis lid required for servicing:

- Turn off power and unplug any power cords/cables, and
- Reinstall the chassis lid before restoring power.



Important Safety Instructions

Pay close attention to the following safety instructions before performing any of the operation. Basic safety precautions should be followed to protect yourself from harm and the product from damage:

- Operation of the product should be carried out by suitably trained, qualified, and certified personnel only to avoid risk of injury from electrical shock or energy hazard.
- Disconnect the power cord from the wall outlet when installing or removing main system components, such as the server board and power supply unit.
- Place the system on a stable and flat surface.
- Use extreme caution when working with high-voltage components.
- When handling parts, use a grounded wrist strap designed to prevent static discharge.
- Keep the area around the system clean and clutter-free.
- Keep all components and printed circuit boards (PCBs) in their antistatic bags when not in use.
- Handle a board by its edges only; do not touch its components, peripheral chips, memory modules or contacts.
- The power cord must be connected to a socket or outlet with a ground connection.

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Chapter 1 Introduction

Thank you for purchasing 1U1G4E1S-TURIN, a reliable barebone system produced under ASRock Rack's consistently stringent quality control. It delivers excellent performance with robust design conforming to ASRock Rack's commitment to quality and endurance.

This guide provides the instructions of insertion and extraction of chassis components, such as chassis covers, system fans, power supplies, drive trays, and other main components this system supports. If the system is pre-installed a server motherboard, refer to the server motherboard user manual for the information of the server motherboard components, specifications and BIOS settings.

System	ASRock Rack Server Motherboard
1U1G4E1S-TURIN	TURIND8HM3



Because the hardware specifications might be updated, the content of this documentation will be subject to change without notice.



The illustrations shown in this manual are for reference purposes only and may not exactly match the model purchased.



If requiring technical support related to this system, please visit the website for specific information about the using model.

<http://www.asrockrack.com/support/>

1.1 Shipping Box Contents

Items	Quantity
Server Barebone: 1U1G4E1S-TURIN	1
CPU Heatsink	1
Rail Kit	1
Accessory Box	1
- 2 Power Cords	
- 1 Mini DisplayPort to D-SUB cable	
- 2 Screws for M.2 Sockets	



If any items are missing or appear damaged, contact the authorized dealer.

1.2 Specifications

1U1G4E1S-TURIN	
System	
Form Factor	1U Rackmount
Dimensions	650 x 438 x 43.5 mm (25.6" x 17.2" x 1.7")
Support Motherboard	TURIND8HM3
Front Panel	
Button	Power button w/ LED, Reset button
LED	System fault LED, UID LED
I/O Port	2 Type A (USB 3.2 Gen1)
Drive Bay / Storage	
Front Side Drive Bay	4 Hot-swap E1.S (PCIe5.0 x4) drive bays
Internal Side	2 M-key (PCIe5.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor
Power Supply	
Type	1+1 CRPS
Output Watts	1000W @ 100-127Vac input ¹ 1600W @ 200-240Vac input
Efficiency	80-PLUS Titanium
AC Input	Low-line¹: 100-127Vac, 60/50Hz High-line: 200-240Vac, 60/50Hz <i>1: Full redundancy may not be supported with low-line input. Redundancy support depends on total system power consumption relative to single PSU capacity.</i>
System Fan	
Fan	9 Dual-rotor 40 x 56 mm fans 1 Single-rotor 40 x 28 mm fan

Processor System	
GPU	Supports 1 GPU and accelerator card up to 600W TDP at 25°C ambient temp. or 300W at 35°C ambient temp.
CPU	AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
Socket	Single Socket SP5 (LGA 6096)
Thermal Design Power	Up to 400W at 25°C ambient temp. ² <i>2: Please refer to CPU QVL or contact ASRock Rack to verify configuration.</i>
Chipset	System on Chip
System Memory	
Supported DIMM Quantity	8 DIMM slots (1DPC)
Supported Type	Supports DDR5 288-pin RDIMM, RDIMM-3DS
Max. Capacity per DIMM	RDIMM: 128GB (2Rx4) RDIMM-3DS: 256GB (2Rx4)
Max. DIMM Frequency	6400MHz
Voltage	1.1V
PCIe Expansion Slots	
PCIe x16	Rear: 1 FHFL dual-slot PCIe5.0 x16 1 HHHH single-slot PCIe5.0 x16
TPM	
TPM Support	TPM-SPI
Ethernet	
OCF Slot	1 OCP NIC 3.0 (PCIe5.0 x16), supports SFF with internal lock
Server Management	
BMC Controller	ASPEED AST2600
Dedicated IPMI LAN	1 RJ45 via Realtek RTL8211F for dedicated management LAN
Graphics	
Controller	ASPEED AST2600: 1 Mini DisplayPort (VGA), 1 (15-pin) header
VRAM	DDR4 512MB

Rear I/O	
UID Button/ LED	1 UID button w/ LED
Video Output	1 Mini DisplayPort ³ (VGA, adapter cable required) <i>3: The Mini Display Port provides VGA analog output. To connect to a D-Sub (VGA) display, an adapter cable is required. Please contact ASRock Rack for cable availability.</i>
USB Port	2 Type-A (USB 3.2 Gen1)
RJ45	1 Dedicated IPMI
System BIOS	
BIOS Type	AMI UEFI BIOS; 256 Mb (32MB) SPI Flash ROM
BIOS Feature	ASRock Rack Instant Flash, ACPI 6.4 (and above) compliance wake-up events, SMBIOS 3.5.0 and above, Plug and Play (PnP)
Hardware Monitor	
Temperature	CPU, MB, Card Side, TR1 temperature sensing
Fan	Fan tachometer CPU quiet fan: automatic chassis fan speed control by CPU temperature Fan multi-speed control
Voltage	VDDCR_CPU, VDDCR_SOC, VDDIO, VDD_18_S5, VDD_33_S5, VDD_11_S3, +3V, +5V, +12V, +BAT, +1V8SB, 3VSB, 5VSB
Environment	
Temperature	Operating temperature: 10°C ~ 35°C Non-operating temperature: -40°C ~ 70°C
Humidity	Non-operating humidity: 20% ~ 90% (non-condensing)

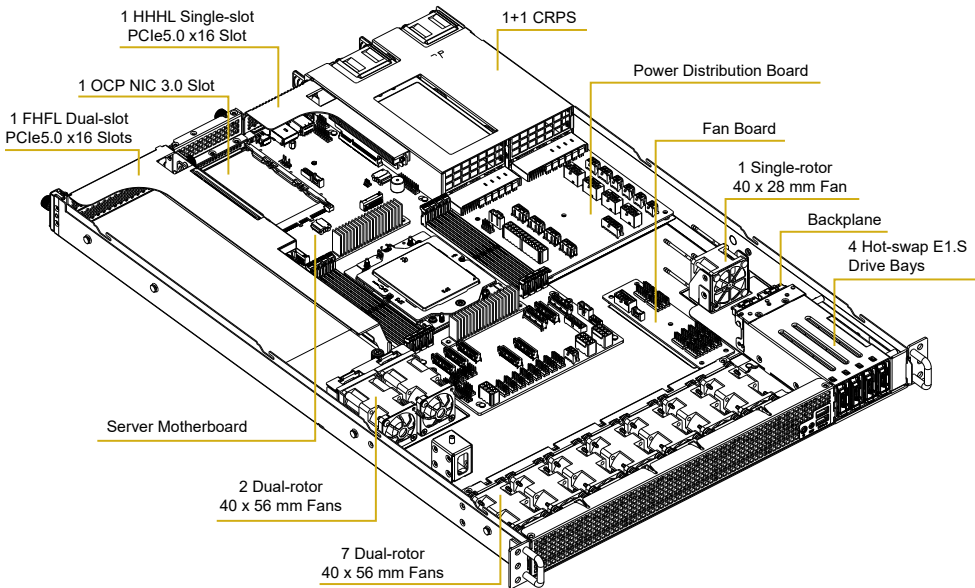


The specification is subject to change without notice in advance. Refer to ASRock Rack's website for the latest update.

Chapter 2 Server System Overview

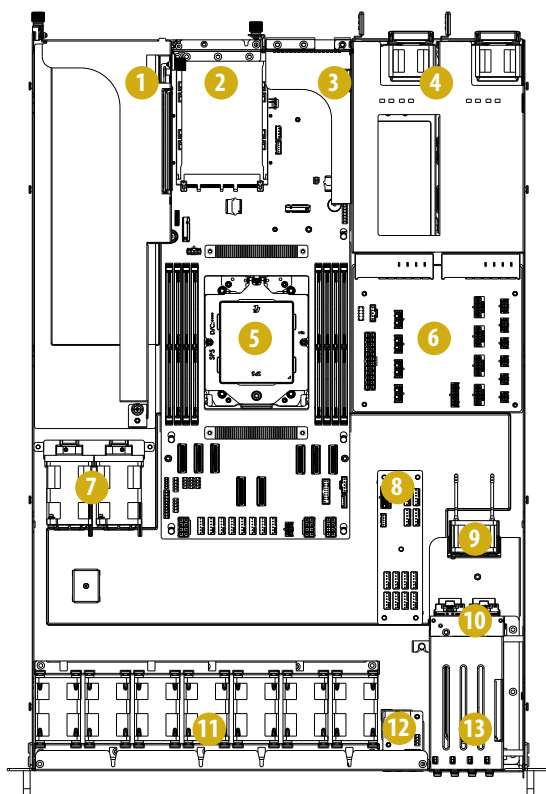
This chapter provides diagrams showing the location of important components of the server system.

2.1 System Components



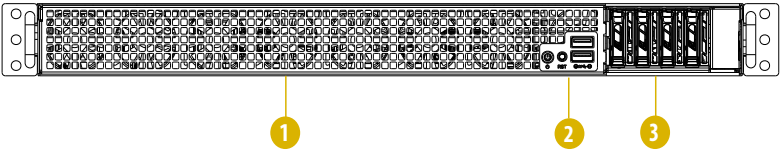
Note: The illustrations in this user manual are for references only. The actual product may be slightly different by SKU.

2.2 Internal Features



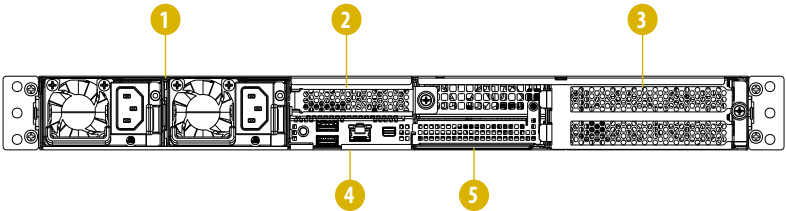
No.	Description
1	1 FHFL dual-slot PCIe5.0 x16 slots <i>Note: Support 1 GPU and accelerator card up to 600W TDP at 25°C ambient temp. or 300W at 35°C ambient temp.</i>
2	1 OCP NIC 3.0 (PCIe5.0 x16) slot, supports SFF with internal lock
3	1 HHHL single-slot PCIe5.0 x16 slot
4	1+1 CRPS
5	Server motherboard
6	Power distribution board
7	2 Dual-rotor 40 x 56 mm fans (FAN10, FAN9)
8	Fan board
9	1 Single-rotor 40 x 28 mm fan (FAN1)
10	Backplane
11	7 Dual-rotor 40 x 56 mm fans (FAN8 ~ FAN2)
12	Front panel board
13	4 Hot-swap E1.S (PCIe5.0 x4) drive bays

2.3 System Front Panel



No.	Description
1	Front vent
2	Front I/O panel
3	4 Hot-swap E1.S (PCIe5.0 x4) drive bays

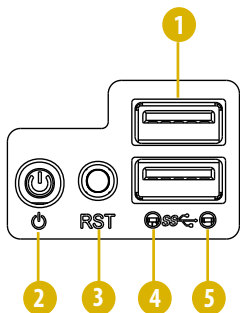
2.4 System Rear Panel



No.	Description
1	1+1 CRPS (PSU1, PSU2)
2	1 HHHL single-slot PCIe5.0 x16 slot
3	1 FHFL dual-slot PCIe5.0 x16 slots <i>Note: Support 1 GPU and accelerator card up to 600W TDP at 25°C ambient temp. or 300W at 35°C ambient temp.</i>
4	Rear I/O panel
5	1 OCP NIC 3.0 (PCIe5.0 x16) slot, supports SFF with internal lock

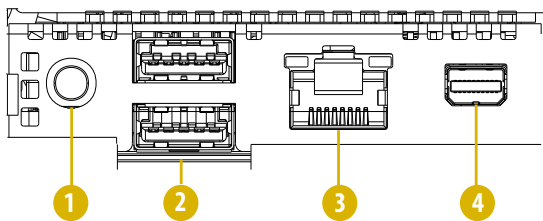
2.5 I/O Panel

Front I/O Panel



No.	Description
1	2 Type-A (USB 3.2 Gen1) ports
2	1 Power button w/ LED
3	1 Reset button
4	1 System fault LED
5	1 UID LED

Rear I/O Panel



No.	Description
1	1 UID button w/ LED
2	2 Type-A (USB 3.2 Gen1) ports
3	1 Dedicated IPMI LAN port
4	1 Mini DisplayPort (VGA, adapter cable required) <i>Note: The Mini Display Port provides VGA analog output. To connect to a D-Sub (VGA) display, an adapter cable is required. Please contact ASRock Rack for cable availability.</i>

Power Button

Press the power switch button to toggle the system power on and standby/sleep modes. To remove all power from the system completely, disconnect the power cord from the server.

Reset Button

When the system is completely unresponsive, press the system reset button to reboot the server without shutting it off and initialize the system.

UID Button

Press the UID button to toggle the front and rear UID LEDs on and off. Use this button to locate the server working on behind a rack of servers.



1. Press and hold the UID button for 4 seconds, the BMC will trigger an external reset.
2. Press and hold the UID button for 10 seconds, the BMC will reset and load default values.

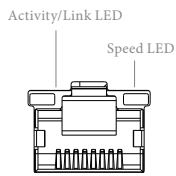
Status LED Definitions

Power LED	
Status	Description
Off	Power off
Green	Power on

System Fault LED	
Status	Description
Off	Running or normal operation
Red	At least one sensor has critical alert.

UID LED	
Status	Description
Off	System identification is disabled.
Blue	System identification is active.

Rear Dedicated IPMI LAN Port

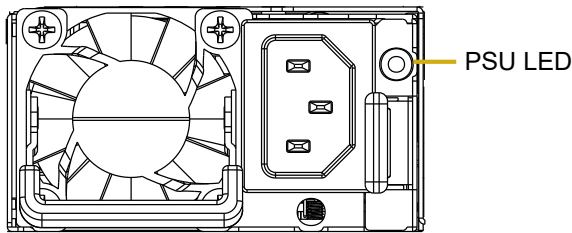


Activity/Link LED	
Status	Description
Off	No link
Blinking Yellow	Data activity
On	Link

Speed LED	
Status	Description
Off	10Mbps connection or no link
Yellow	100Mbps connection
Green	1Gbps connection

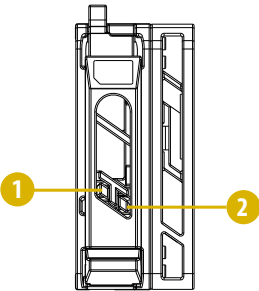
2.6 LED

PSU LED



Status	Description
Green	Normal work; output ON and OK
Blinking Green (0.5Hz)	AC Present Only 12VSB on (PS off) or PSU in Smart Redundant state
Amber	- Module fault/protection in operating mode (failure, OCP, OVP, Fan Fail, OTP, UVP) - AC cord unplugged
Blinking Amber (0.5Hz)	Warning (high temp, high power, high current, slow fan)

Drive Tray LED



No.	Description
1	Drive tray power and activity LED (Green)
2	Drive tray fault LED (Amber) (not support)

Chapter 3 Hardware Installation and Maintenance

This chapter helps user assemble the chassis and install components.

Before You Begin

Before working with the server, pay close attention to the “Important Safety Instructions” at the beginning of this manual.



1. Ensure the motherboard battery is installed before unplugging the power cord or installing/removing the motherboard.
2. Before installing or removing any component, ensure that the power supply is off or the power cord is detached from the power supply. Failure to do so may cause severe damage to the motherboard, peripherals, and/or components.

1. Make sure the server is powered off.

Power down the server if it is still running.

- (1) Press the Power button to power off the server from full-power mode to standby-power (sleep) mode. The Power LED at the front turns from solid green to blinking green.
- (2) Disconnect the power cord first from the AC outlet and then from the server.
The power LED turns off.



The server is not completely powered down when pressing the Power button on the front panel. The Power button lets the server toggle between Power On and Standby (Sleep) modes. Some internal circuitry remain active in the Standby mode. To remove all power from the system completely, be sure to disconnect the power cord from the server.

2. Ensure having a clean and stable working environment. Avoid dust and dirt because contaminants may cause malfunctions.
3. Ground properly before touching any system component. A discharge of static electricity may damage components. Wear a grounded wrist strap if available.



1. Some components are already pre-installed. Simply properly connect the required cables before or after installation.
2. Refer to the server motherboard user manual for instructions on how to install server motherboard components.

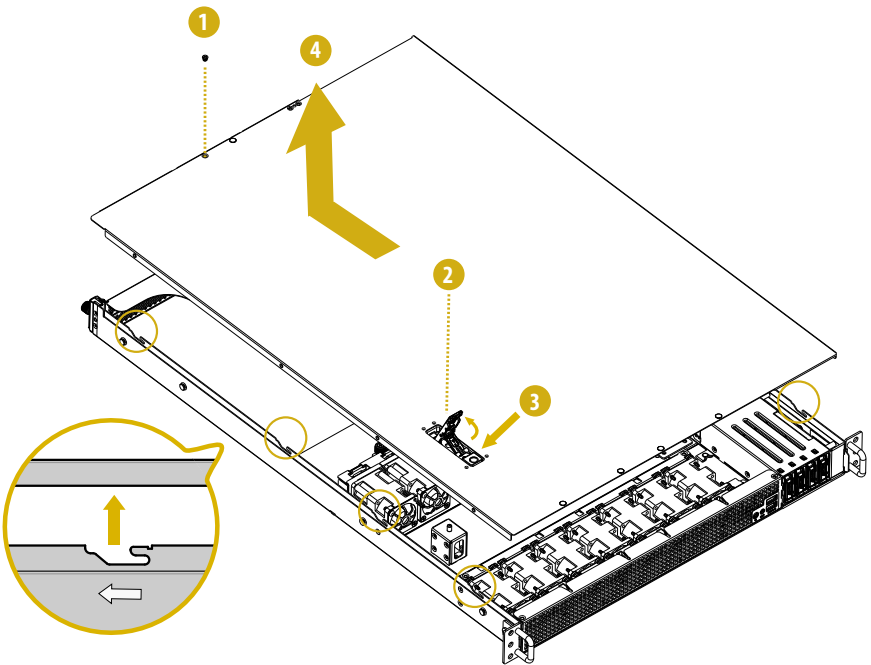
3.1 Server Top Cover

Removing the Server Top Cover



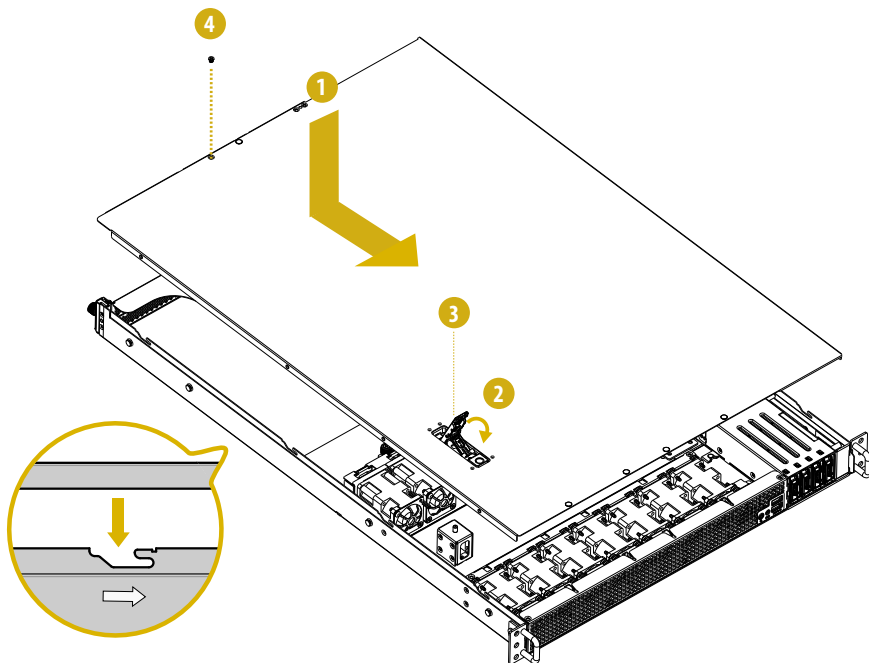
1. Before removing the top cover, power off the server and unplug the power cord.
2. The system must be operated with the chassis top cover installed to ensure proper cooling.

1. Remove the screw.
2. Loosen the screw on the locking tab.
3. Press the button to unlock the cover.
4. Push the cover toward the REAR of the chassis to release it from the locked position.
Lift up and remove the cover.



Installing the Server Top Cover

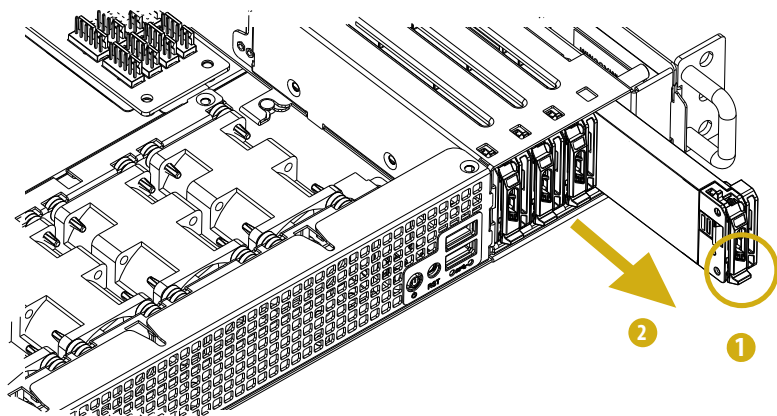
1. Lower the top cover on the chassis, making sure the side latches align with the cutouts. Slide the cover toward the FRONT of the chassis.
2. Press down the locking tab.
3. Tighten the screw.
4. Secure the cover with the screw.



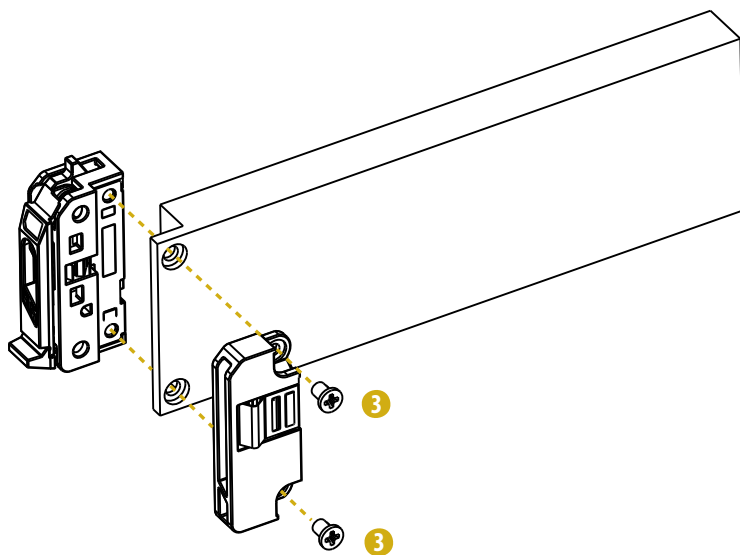
3.2 E1.S Drive

Intalling the E1.S Drive into the Chassis

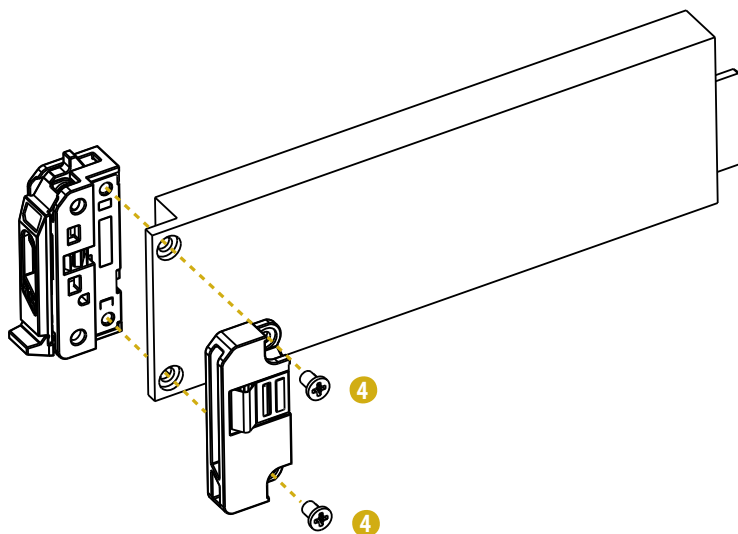
1. Press the latch on the E1.S locking cover to unlock the lever.
2. Hold the lever to pull out the locking cover and dummy.



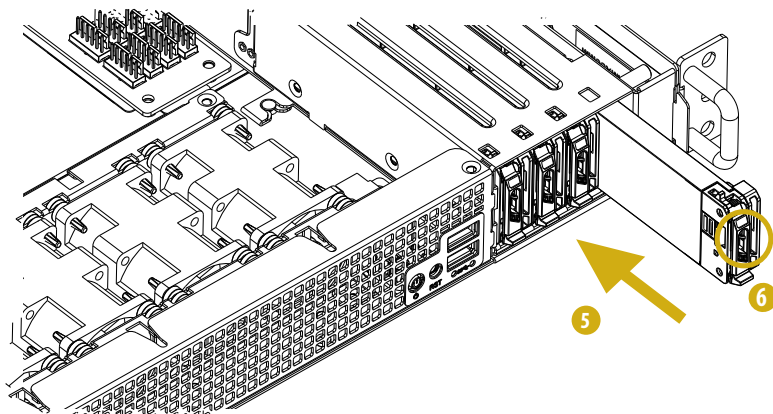
3. Remove the screws to disassemble the locking cover and dummy.



4. Install the E1.S drive to the locking cover with two screws.



5. Slide the E1.S assembly into the drive bay until it is fully seated.
6. Push in the lever to lock the E1.S assembly in place.



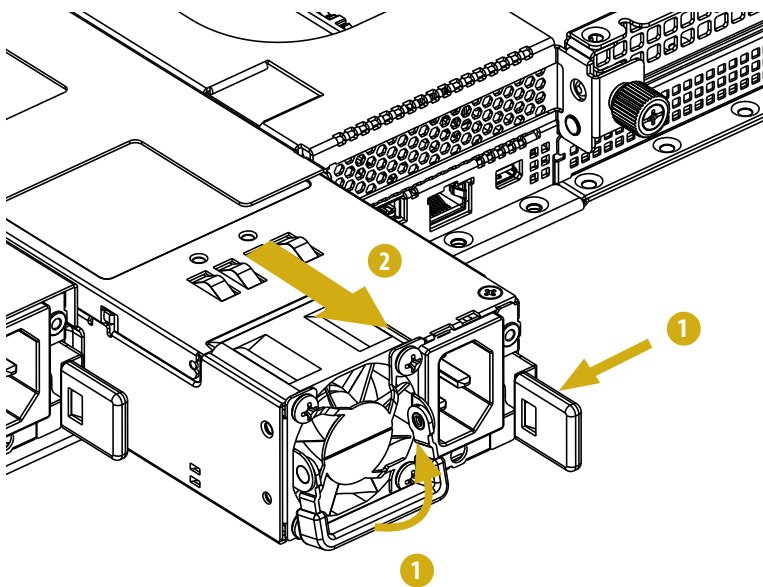
3.3 Power Supply

This system can accommodate 2 power supply units in the bay at the rear of the chassis. 1 PSU is required for full load operation, with the other PSU purely as a redundant, load-sharing backup. 1 PSU can be removed without affecting system operation.

Removing the Power Supply Unit

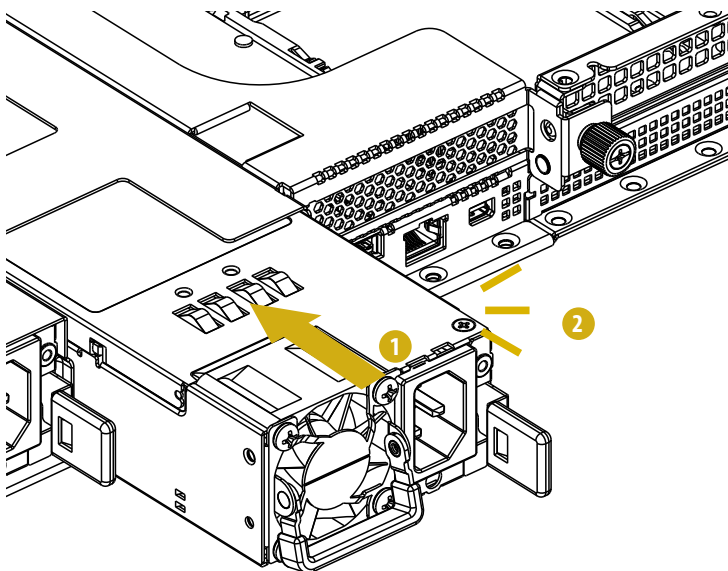
To remove a failed power supply unit, identify the failed power supply unit by checking the PSU LEDs on the PSUs.

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



Installing the Power Supply Unit

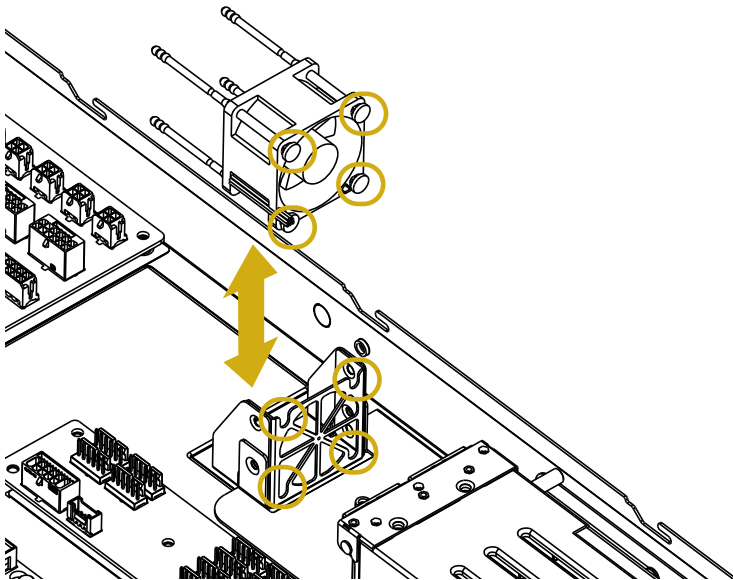
1. Carefully slide the PSU all the way into the power supply bay.
2. Make sure the PSU clicks into place and is well installed.



3.4 System Fan

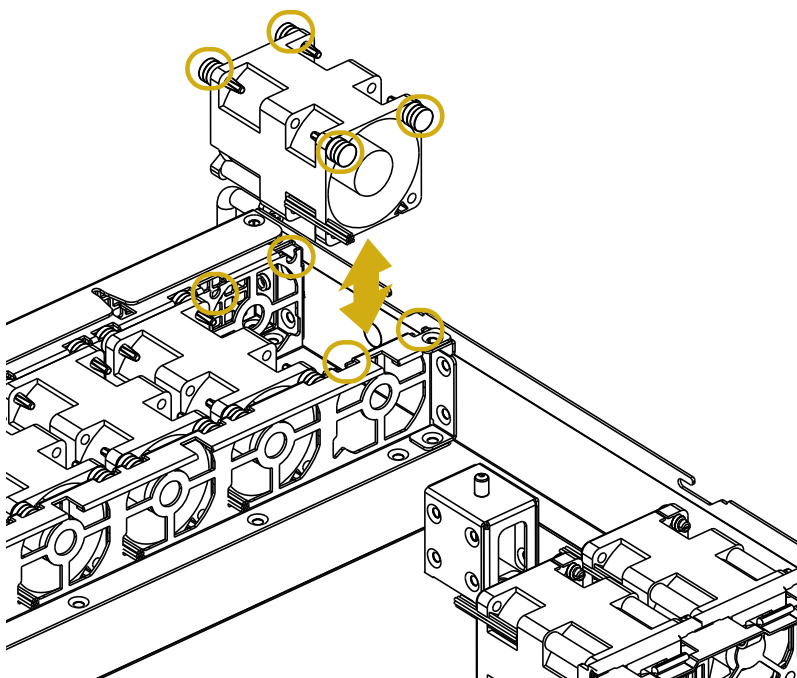
Replacing FAN1

1. Unplug all the cables around the internal fan.
2. Lift to remove the failed fan.
3. Align the mounting holes on the replacement fan corners with the fan mounts on the fan bracket.
4. Gently place the fan onto the mounts.
5. Make sure the fan is well seated.



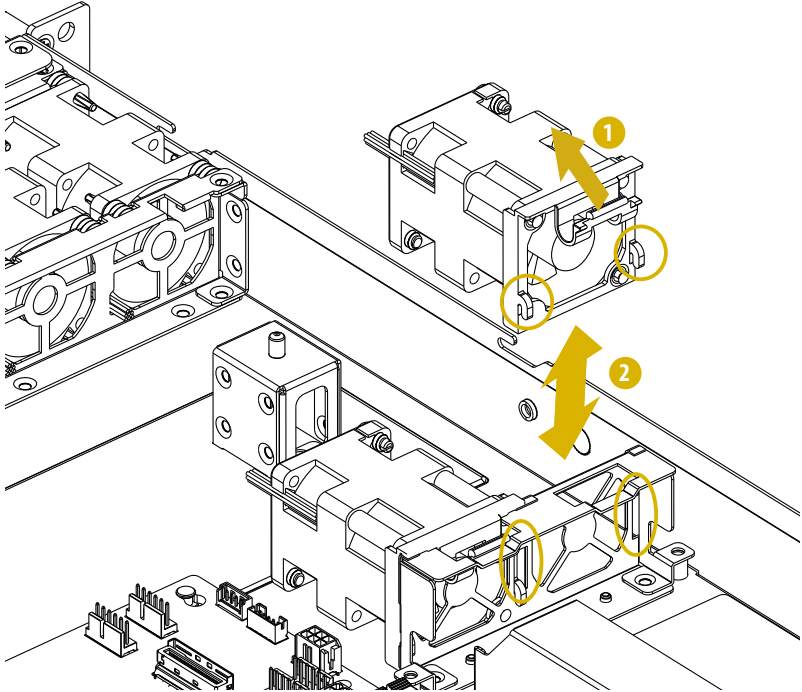
Replacing FAN2 ~ FAN8

1. Lift to remove the failed fan.
2. Align the mounting holes on the replacement fan corners with the fan mounts on the fan bracket.
3. Make sure the arrow on the fan pointed to the REAR of the chassis.
4. Gently place the fan onto the mounts.
5. Make sure the fan is well seated.



Replacing FAN9 and FAN10

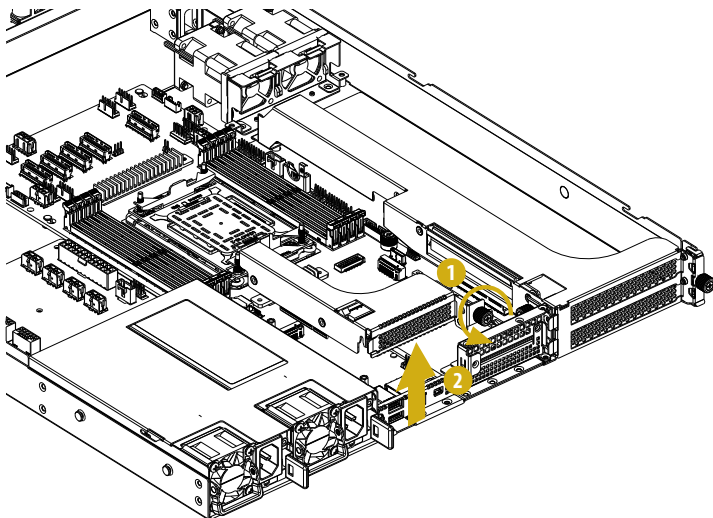
1. Unplug the fan connector.
2. Push the holder at 45° angle and remove the failed fan.
3. Align the mounting holes on the fan bar with the fan mounts on the replacement fan.
4. Gently place the fan on the fan bar. Make sure the fan is well seated.
5. Plug the fan connector.



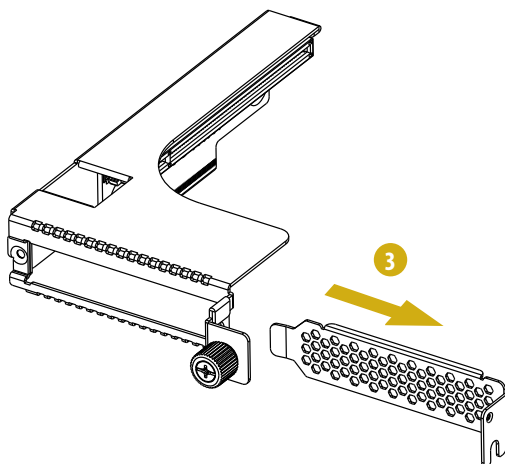
3.5 Add-in Card

Installing the Add-in Card

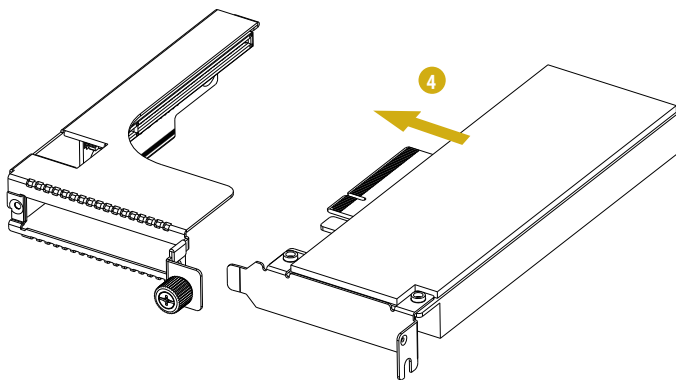
1. Hand-release the thumbscrew securing the bracket to the chassis.
2. Push upward to remove the bracket from the chassis.



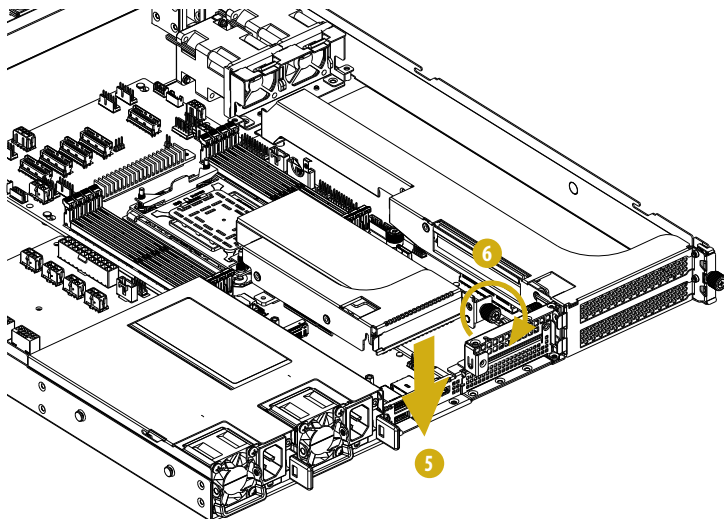
3. Slide the blanking plate out sideways.



4. Install an add-in card to the bracket.



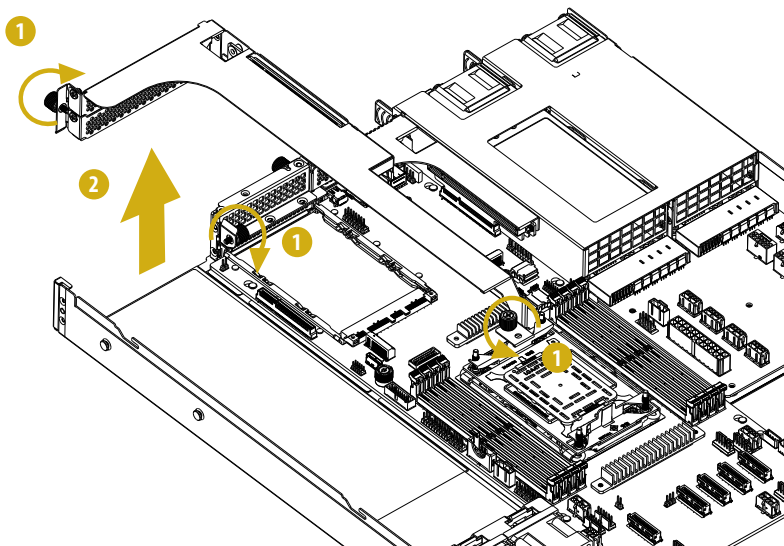
5. Align the add-in card assembly with the opening of the chassis. Place the assembly on the chassis.
6. Hand-tighten the thumbscrew on the assembly to the chassis.



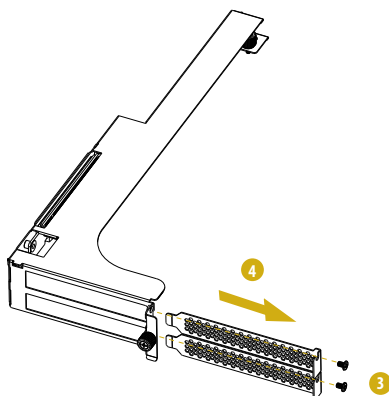
3.6 GPU Card

Installing the GPU Card

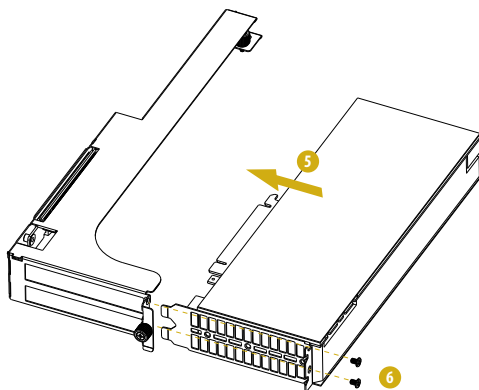
1. Hand-release 3 thumbscrews securing the bracket to the chassis.
2. Push upward to remove the bracket from the chassis.



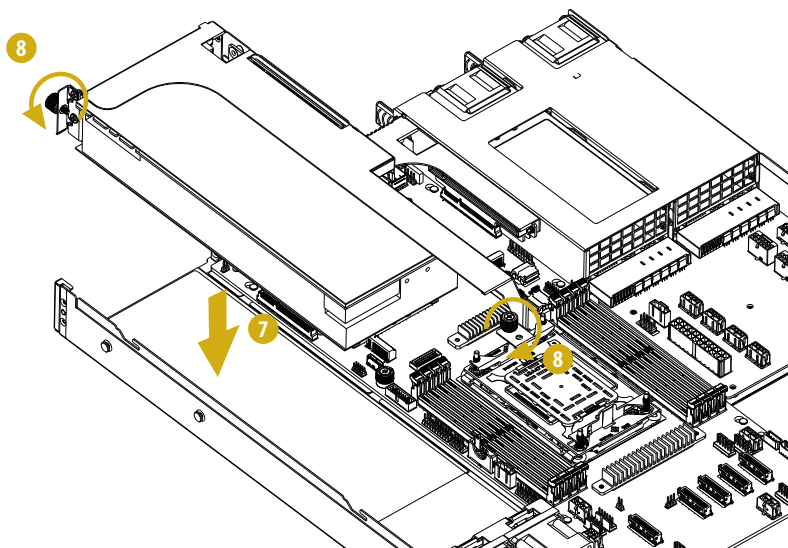
3. Remove the screws securing the blanking plates to the bracket.
4. Slide the blanking plates out sideways.



5. Install a GPU card to the bracket.
6. Tighten the screws on the bracket.



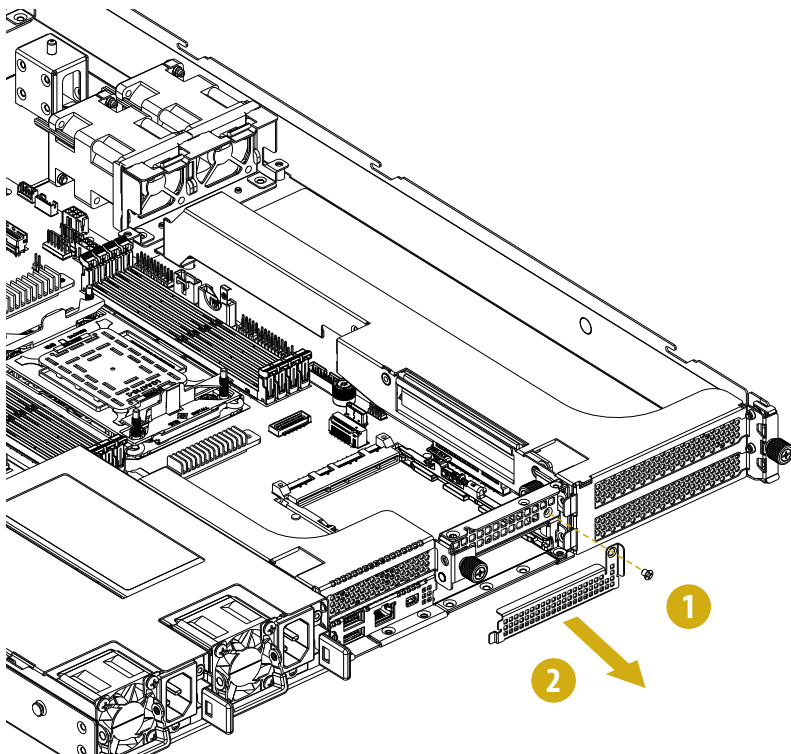
7. Align the GPU card assembly with the opening of the chassis. Place the assembly on the chassis.
8. Hand-tighten 3 thumbscrews on the assembly to the chassis.



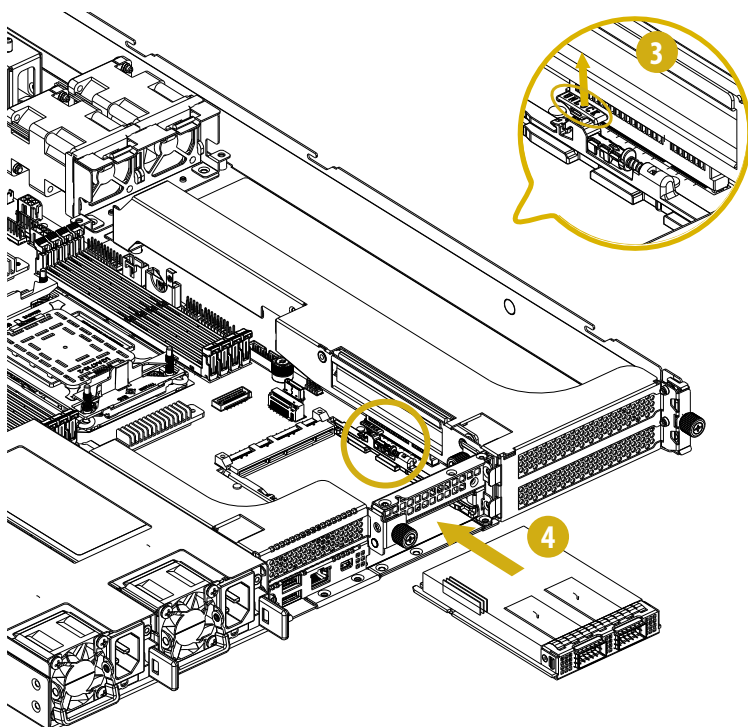
3.7 OCP Card

Installing the OCP Card

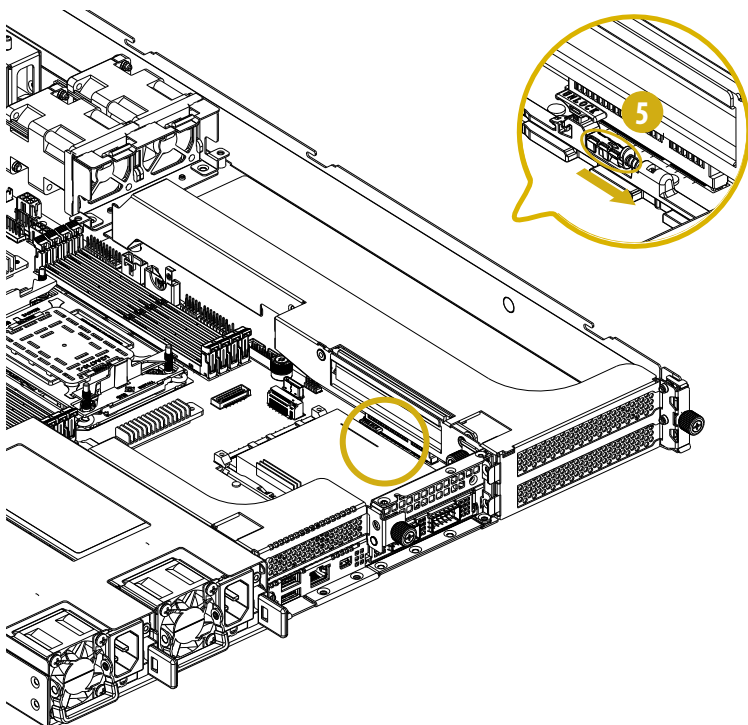
1. Remove the screw securing the slot cover to the chassis.
2. Remove the slot cover.



3. Gently pull the blue latch up.
4. Slide the OCP card into the slot until it clicks into place.

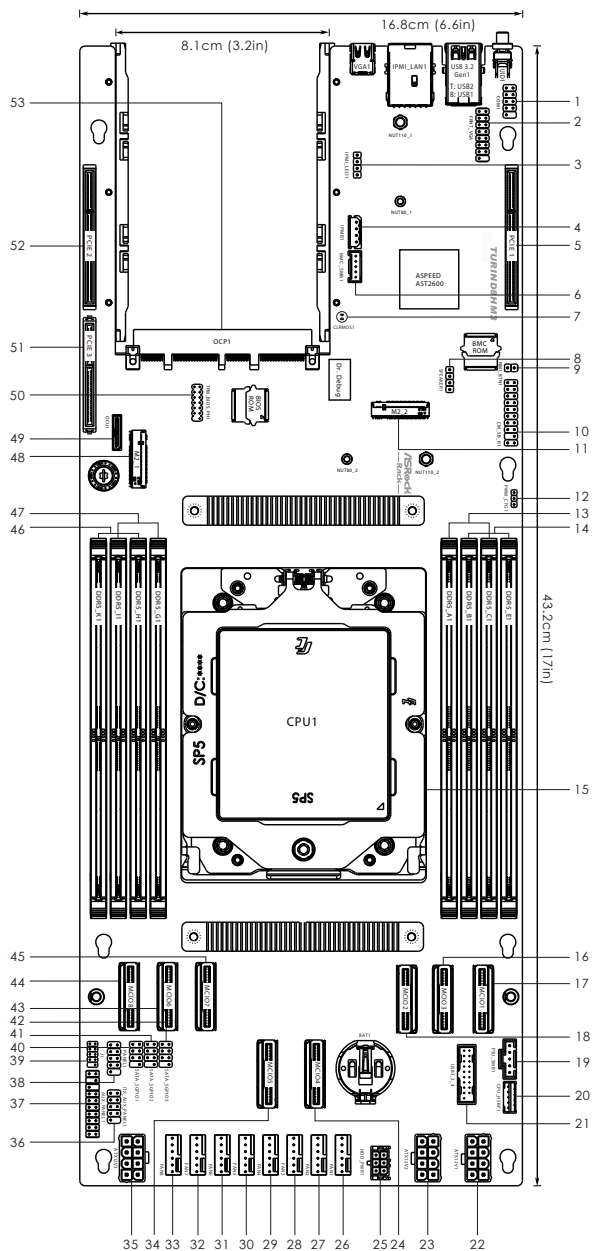


5. Pull the green device toward the rear. The blue latch falls and clamps the OCP card to the chassis.



Chapter 4 Server Motherboard (TURIND8HM3)

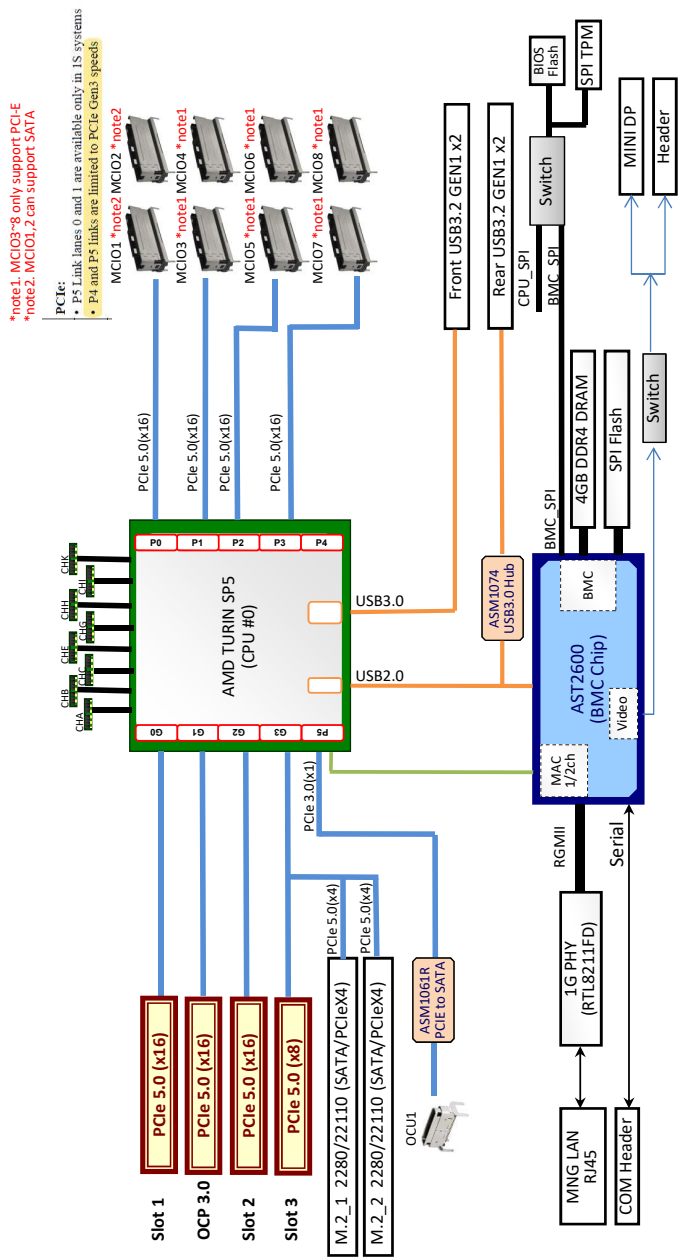
4.1 Layout



No.	Description
1	Serial Port Header (COM1)
2	Front VGA Header (FRNT_VGA)
3	IPMI LAN LED Header (IPMI_LED1)
4	Intelligent Platform Management Bus Header (IPMB1)
5	PCI Express 5.0 x16 Slot (PCIE1)
6	BMC SMBus Header (BMC_SMB1)
7	Clear CMOS Pad (CLRMOS1)
8	Speaker Header (SPEAKER1)
9	Non Maskable Interrupt Button (NMI_BTN1)
10	CM Board Standby Power Header (CM_SB_R1)
11	M.2 Socket (M2_2) (Type 2280 / 22110)
12	PWM Configuration Header (PWM_CFG1)
13	2 x 288-pin DDR5 DIMM Slots (DDR5_A1, DDR5_C1)
14	2 x 288-pin DDR5 DIMM Slots (DDR5_B1, DDR5_E1)
15	LGA 6096 CPU Socket (CPU1)
16	Mini Cool Edge IO Connector (MCIO3)
17	Mini Cool Edge IO Connector (MCIO1)
18	Mini Cool Edge IO Connector (MCIO2)
19	PSU SMBus Header (PSU_SMB1)
20	Backplane PCI Express Hot-Plug Connector (CPU1_HSBP1)
21	USB 3.2 Gen1 Header (USB3_3_4)
22	ATX 12V Power Connector (ATX12V1)
23	ATX 12V Power Connector (ATX12V2)
24	Mini Cool Edge IO Connector (MCIO4)
25	HDD Power Connector (HDD_PWR1)
26	System Fan Header (FAN1)
27	System Fan Header (FAN2)
28	System Fan Header (FAN3)
29	System Fan Header (FAN4)
30	System Fan Header (FAN5)
31	System Fan Header (FAN6)
32	System Fan Header (FAN7)
33	System Fan Header (FAN8)
34	Mini Cool Edge IO Connector (MCIO5)

No.	Description
35	ATX 12V Power Connector (ATX12V3)
36	ITX Auxiliary Panel Header (ITX_AUX_PANEL1)
37	Auxiliary Panel Header (AUX_PANEL1)
38	System Panel Header (PANEL1)
39	Front Panel Board Header (J1)
40	SATA SGPIO Connector (SATA_SGPIO1)
41	SATA SGPIO Connector (SATA_SGPIO2)
42	SATA SGPIO Connector (SATA_SGPIO3)
43	Mini Cool Edge IO Connector (MCIO6)
44	Mini Cool Edge IO Connector (MCIO8)
45	Mini Cool Edge IO Connector (MCIO7)
46	2 x 288-pin DDR5 DIMM Slots (DDR5_K1, DDR5_H1)
47	2 x 288-pin DDR5 DIMM Slots (DDR5_I1, DDR5_G1)
48	M.2 Socket (M2_1) (Type 2280 / 22110)
49	OCuLink Connector (2 SATA 6 Gb/s) (OCU1)
50	SPI TPM Header (TPM_BIOS_PH1)
51	PCI Express 5.0 x8 Slot (PCIE3)
52	PCI Express 5.0 x16 Slot (PCIE2)
53	OCP 3.0 Gen4 x16 Mezzanine Card Slot (OCP1)

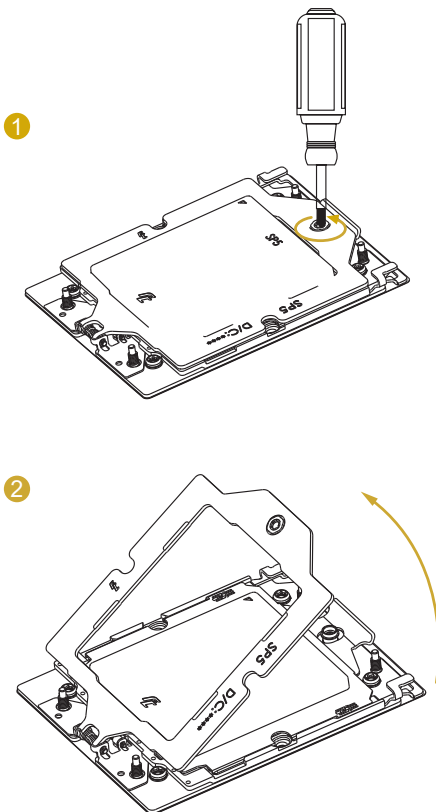
4.2 Block Diagram



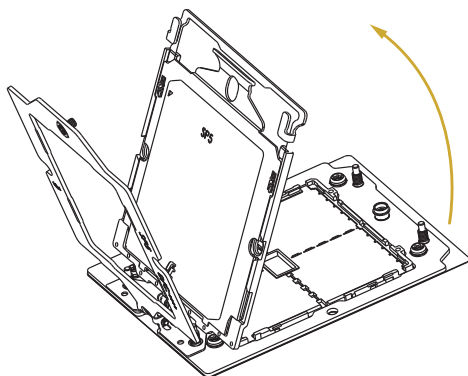
2.3 Installing the CPU and Heatsink (LGA 6096 Socket)



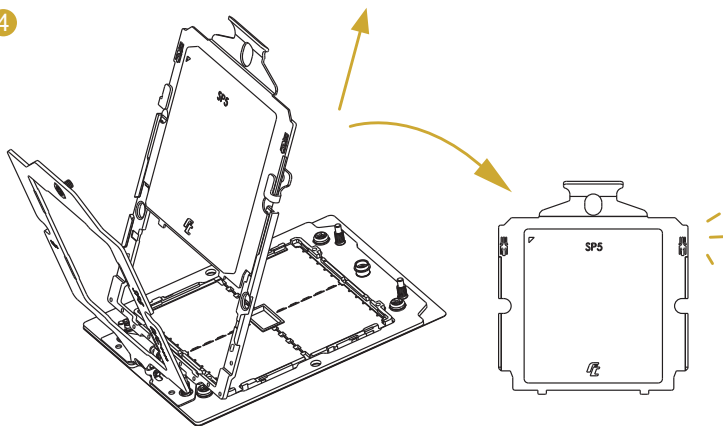
1. Before inserting the CPU into the socket, please check if the PnP cap is on the socket, if the CPU surface is unclean, or if there are any bent pins in the socket. Do not force to insert the CPU into the socket if above situation is found. Otherwise, the CPU will be seriously damaged.
2. Unplug all power cables before installing the CPU.



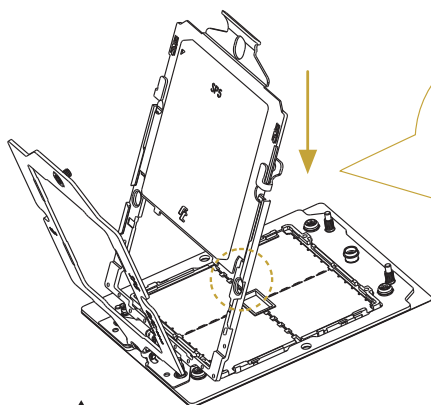
3



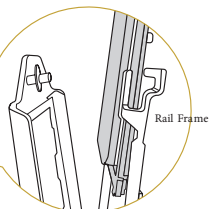
4



5



Carrier Frame with CPU



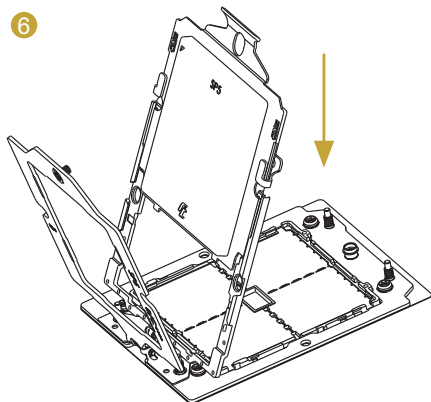
Rail Frame

Please make sure that the carrier frame with CPU is closely attached to the rail frame while inserting it.

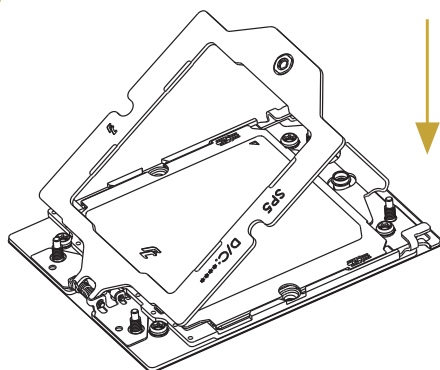


Install the carrier frame with CPU. Don't separate them.

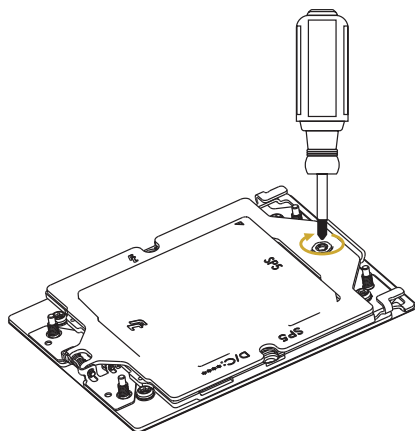
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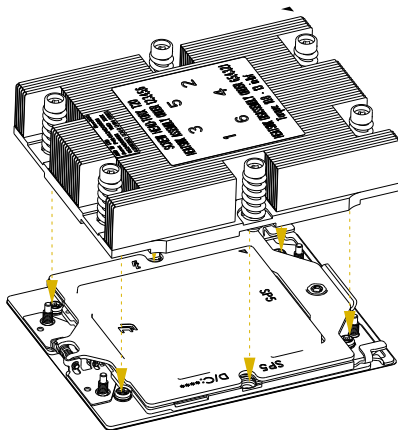
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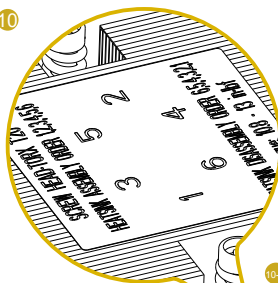
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9

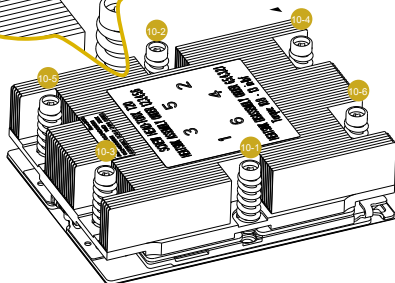


10



Set the torque wrench to 10.8-13.0 in-lb.
One fourth a turn each time.

Tighten the screws in a sequential order
1 > 2 > 3 > 4 > 5 > 6.
Loosen the screws in a reverse order.

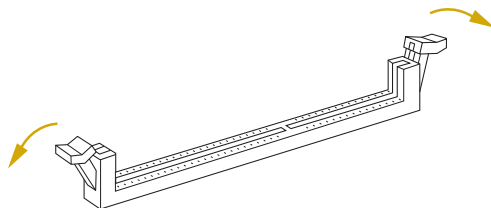


4.4 Installing the Memory Modules (DIMM)

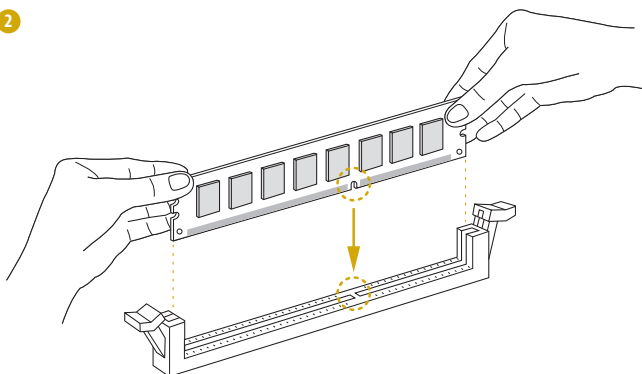


The DIMM only fits in one correct orientation. It will cause permanent damage to the server motherboard and the DIMM if forcing the DIMM into the slot at incorrect orientation. For more information about DIMM installation, refer to the server motherboard user manual.

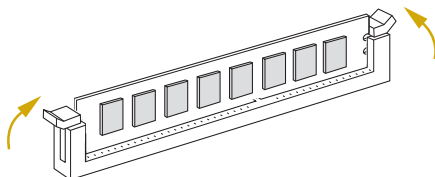
1



2



3



4.5 Replacing the CMOS Battery



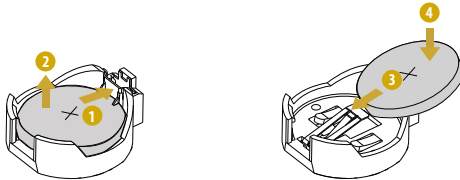
1. Ensure the battery is installed before unplugging the power cord or installing/removing the motherboard.
2. Always turn off the system and unplug the power cord before replacing the battery.
3. For safety, please replace the battery with the same or equivalent type recommended by the manufacturer.
4. Dispose of the used batteries in accordance with local regulations.

Refer to the section **4.1 Layout** to locate the battery.

**The illustration is for reference only. The actual installation may be slightly different by socket design.*

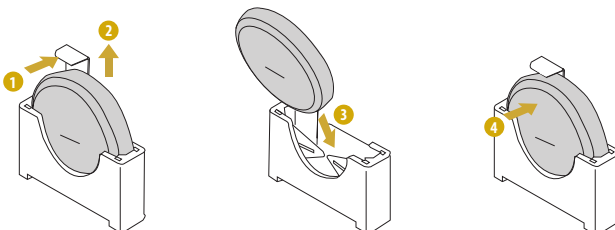
Replacing the Flat Battery

1. Shut down and unplug the system. Gently press the socket clip.
2. Remove the battery when it pops up. Or press down on one end of the battery to pop it up and remove it.
3. Insert a new battery into the socket with the positive side (+ sign) facing up.
4. Press the battery down until it clicks into place.



Replacing the Upright Battery

1. Shut down and unplug the system. Gently push the socket clip away from the battery.
2. Remove the battery.
3. Insert a new battery into the socket with the positive side (+ sign) facing the open side of the socket clip.
4. Press the battery down until it clicks into place.



Replacing the Wired Battery

To replace a wired CMOS battery, completely power down the system and unplug it from the power source. Locate the old battery, carefully trace its wires to the small connector on the motherboard, and unplug it. Install a new battery in its place and connect it to the motherboard.



Appendix

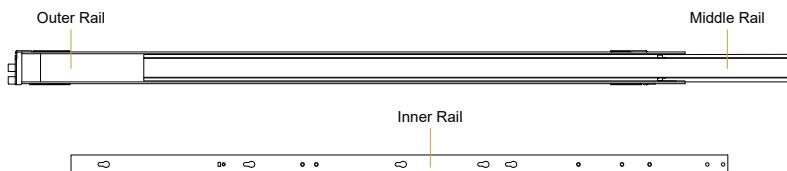
Installing the Server in a Rack

This section describes how to rackmount the server with slide rail assembly.



The rails installation instructions in this manual are example only, the actual rail assembly procedure may differ slightly.

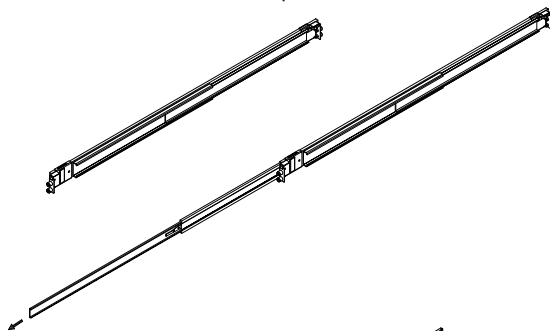
The rail assembly consists of outer, middle and inner rail.



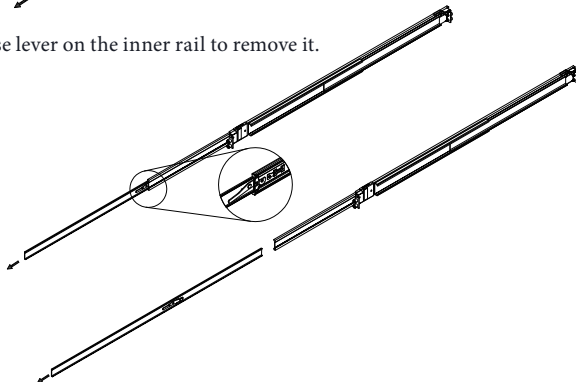
Each slide rail is labeled with either L or R, please identify prior to rail installation. Please install the rail labeled with L on the left side of rack, and the rail labeled with R on the right side of rack.

Release the inner rail from the outer rail

1. Fully extend the inner rail from the rail assembly.

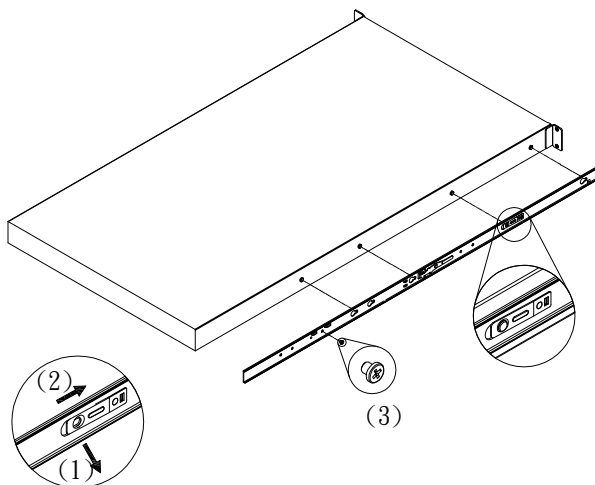


2. Press the release lever on the inner rail to remove it.



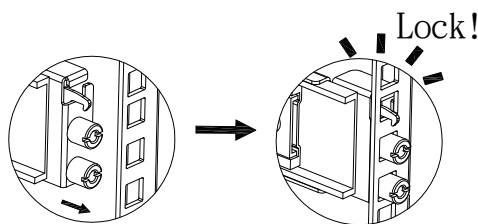
Attach the inner rail to the chassis

1. Lift the clip on the inner rail.
2. Slide the inner rail toward the chassis rear.
3. Secure the inner rail to the chassis with screw.

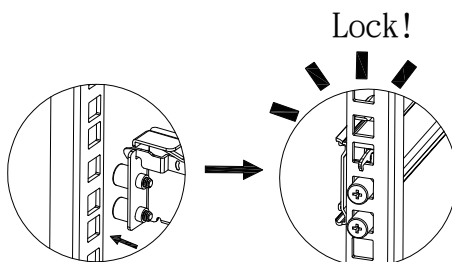


Attach the outer rail to the rack

1. Lift lever, aim the rack mount pin to the rack post and push forward.

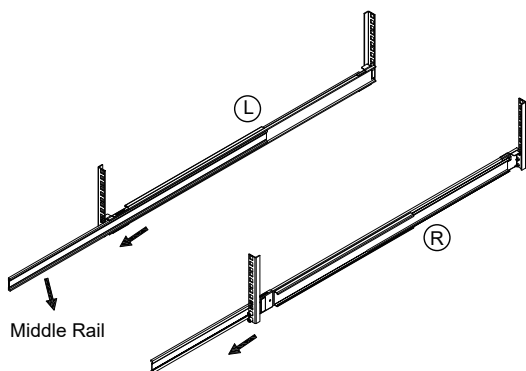


2. Lift lever, aim the rack mount pin to the rack post and pull back.

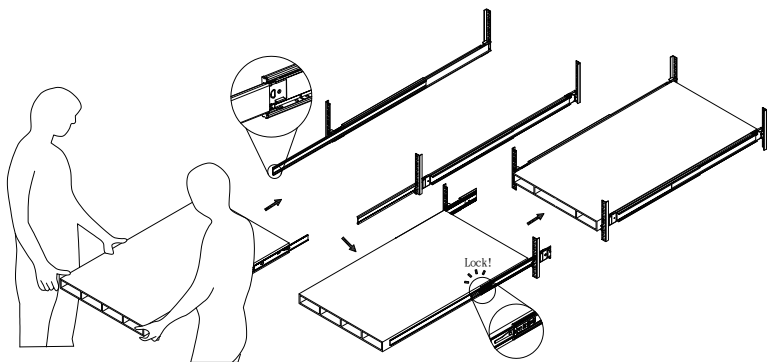


Mount the server in rack

1. Make sure the outer rail is locked to rack securely.
2. Fully extend the middle rail out of the outer rail until locked.

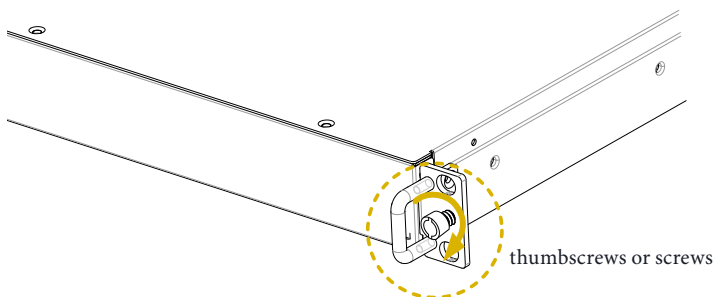


3. Aim the rail to push server into rack.



The server is heavy. For safe lifting, two or more persons are required to install the server into the rack.

4. Tighten the thumbscrews or screws on the front of server to secure the server to the rack.
5. To remove the server from the rack, reverse these instructions.



When connecting cables to the server, make sure there is enough cable slack so sliding the server in and out of the rack without accidentally unplugging a cable.

Contact Information

Contact ASRock Rack or want to know more about ASRock Rack, you're welcome to visit ASRock Rack's website at <http://www.asrockrack.com>; or contact the dealer for further information. For technical questions, please submit a support request form at <https://event.asrockrack.com/tsd.asp>

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