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GREEN Less Heat, Less Power Consumption

STABLE Robust Design, Quality Parts

Stable and
Reliable Solution

Server/Workstation
Motherboard

6U8M-GENOA2 MI300X

User Manual

English



Version 1.12

Published Oct. 2025

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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 motherboard 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 motherboard 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 6U8M-GENOA2 MI300X, 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, hard drive trays, and other main components this system supports. If the system is pre-installed a server board, refer to the server board user manual for the information of the server board components, specifications and BIOS settings.

System	ASRock Rack Server Board
6U8M-GENOA2 MI300X	GENOA2D24G-2L+



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

Item	Quantity
Server barebone: 6U8M-GENOA2 MI300X	1
CPU Heatsink	2
Rail Kit	1
Accessory Box - 8 Power Cords - 1 Quick Installation Guide - 2 Screws for M.2	

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

1.2 Specifications

6U8M-GENOA2 MI300X	
System	
Form Factor	6U Rackmount
Dimension	930 x 448 x 264.7mm (36.6" x 17.6" x 10.4")
Support MB	GENOA2D24G-2L+
Front Panel	
Button	Power button w/ LED, reset button, NMI button, UID button
LED	System fault LED, HDD activity LED
I/O Port	2 RJ45 (1GbE) by Intel® i350, share with rear I/O 1 Dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
External Drive Bays/Storage	
Front Side Drive Bay	8 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from PCIe switch 4 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from CPU
Internal	M2_1 (PCIe3.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor [CPU0] M2_2 (PCIe3.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor [CPU1]
Power Supply	
Type	4+4 CRPS
Output Watt	3002.4W @ 220-240Vac input 2900W @ 200-220Vac input
Efficiency	80-PLUS Titanium
AC Input	200-240Vrms, 50/60Hz
System Fan	
Fan	21 PWM 80x80mm fans
Processor System	
CPU	Supports AMD EPYC™ 9005*/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors *A BIOS update is required to support AMD EPYC™ 9005 series processors.
Socket	Dual Socket SP5 (LGA 6096)

Thermal Design Power	Up to 400W
Chipset	System on chip
System Memory	
Supported DIMM Quantity	12+12 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	4800MHz
Voltage	1.1V
PCIe Expansion Slot	
PCIe x16	Rear: 8 HHHHL PCIe5.0 x16 3 FHHL PCIe5.0 x16
Ethernet	
Additional GbE Controller	Intel® i350: 2 RJ45 (1GbE)
System Management	
BMC Controller	ASPEED AST2600
IPMI Dedicated GLAN	1 Realtek RTL8211F for dedicated management GLAN
Graphics	
Controller	ASPEED AST2600
VRAM	DDR4 512MB
Rear I/O	
UID Button/ LED	1 UID button
Other Button/ LED	1 PWR button, 1 RST button, 1 NMI button, 1 Hard drive LED, 1 SYS LED
VGA Port	1 DB15 (VGA)
USB3.2 Gen1 Port	2 Type-A (USB3.2 Gen1)

RJ45	2 RJ45 (1GbE) by Intel® i350, share with front panel 1 Dedicated IPMI, shares with front panel
System BIOS	
BIOS Type	AMI UEFI BIOS; 256Mb (32MB) SPI Flash ROM
BIOS Features	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 temperature sensing
Fan	Fan tachometer CPU quiet fan (allows chassis fan speed auto-adjust by CPU temperature) Fan multi-speed control
Voltage	P0_VDDCR_CPU0, P0_VDDCR_CPU1, P0_VDDCR_SOC, P0_VDD_18_DUAL, P0_VDD_11_S3, P0_VDDIO, P1_VDDCR_CPU0, P1_VDDCR_CPU1, P1_VDDCR_SOC, P1_VDD_18_DUAL, P1_VDD_11_S3, P1_VDDIO, +BAT, +12V, +3VSB, +5VSB
Operating Enviroment	
Temperature	Operation temperature: 10°C ~ 35°C Non operation temperature: -40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% (non condensing)

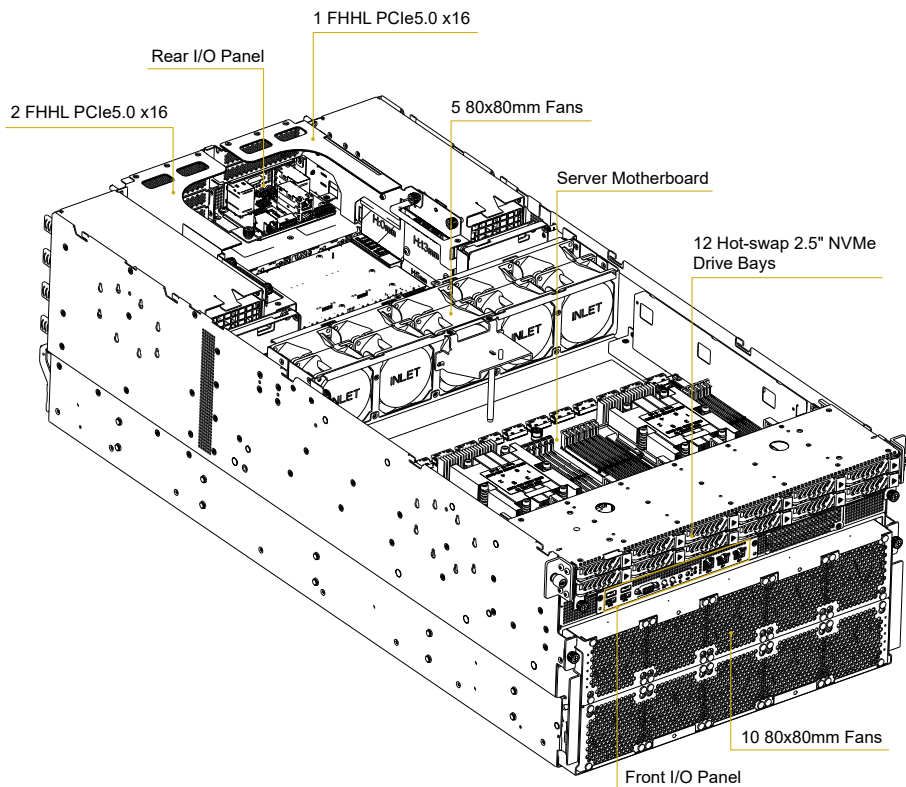


The functions are supported depending on the type of the server board. Refer to the server board manual used for more information.

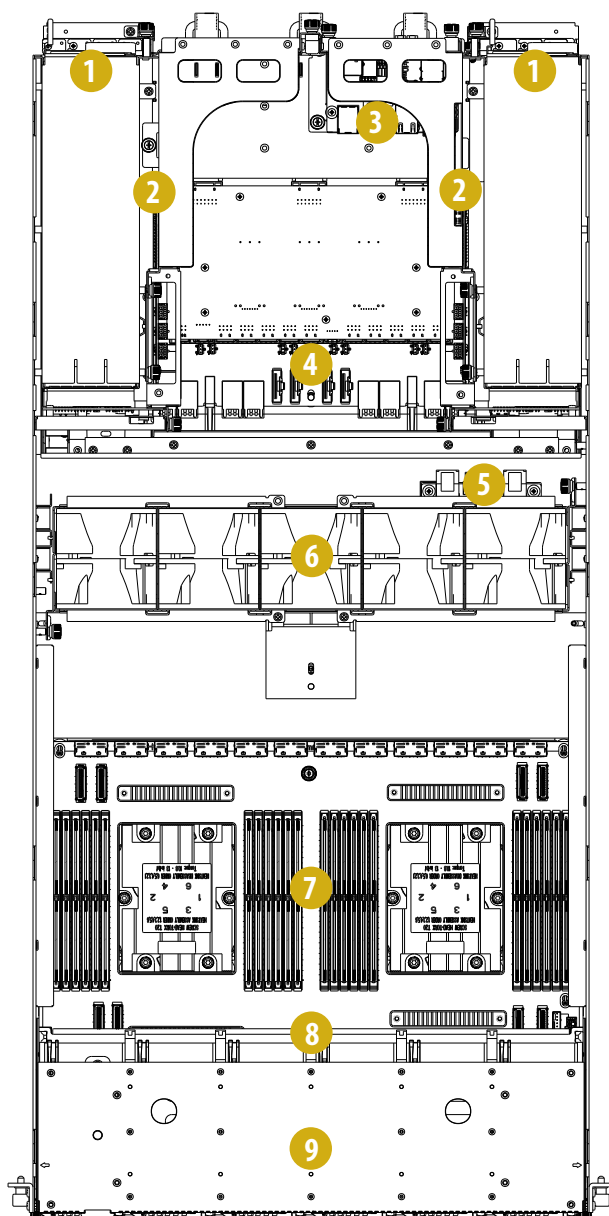
Chapter 2 Server System Overview

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

2.1 System Components

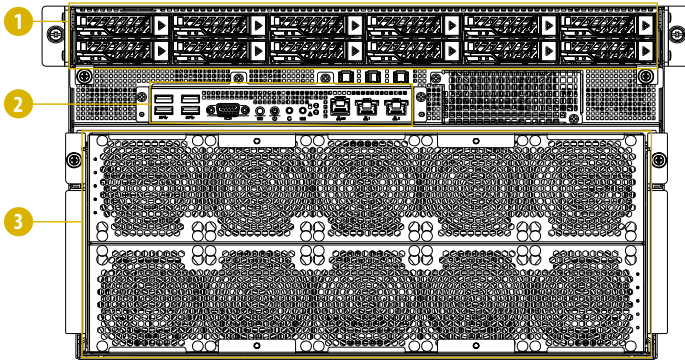


2.2 Internal Features



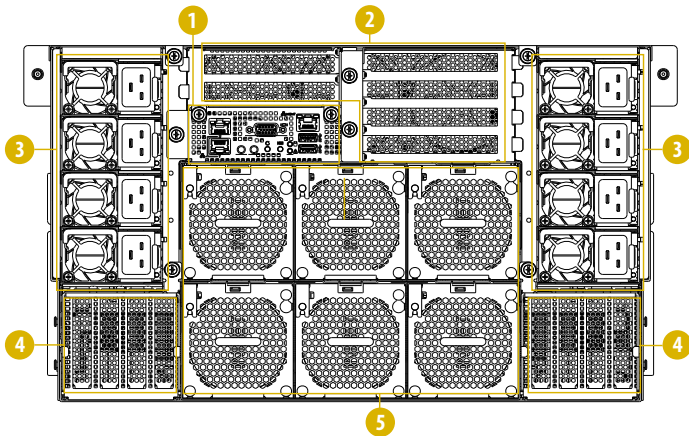
No.	Description
1	Upper: 4+4 CRPS Lower: 8 HHHL PCIe5.0 x16
2	Upper: 3 FHHL PCIe5.0 x16 Lower: 6 PWM 80x80mm rear fans
3	Rear I/O panel
4	Switch board
5	Fan board
6	5 PWM 80x80mm top fans
7	Server motherboard
8	Back panel board (BPB)
9	Upper: 12 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays Front I/O panel (<i>depends on the specification of the server motherboard</i>) Lower: 10 PWM 80x80mm front fans

2.3 System Front Panel



No.	Description
1	12 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays
2	Front I/O panel <i>(depends on the specification of the server motherboard)</i>
3	10 PWM 80x80mm front fans

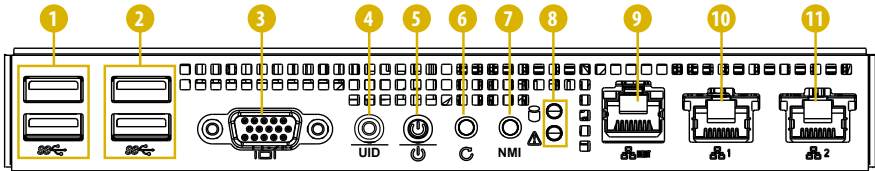
2.4 System Rear Panel



No.	Description
1	Rear I/O panel
2	3 FHHL PCIe5.0 x16
3	4+4 CRPS
4	8 HHHL PCIe5.0 x16
5	6 PWM 80x80mm rear fans

2.5 I/O Panel

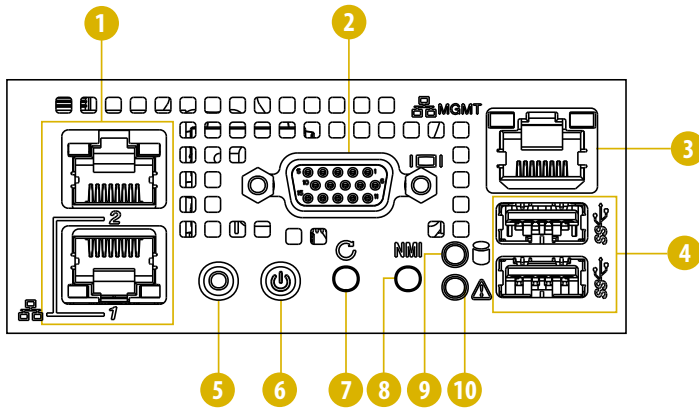
Front I/O Panel



No.	Description
1	2 Type-A (USB3.2 Gen1) ports (USB3_1_2)
2	2 Type-A (USB3.2 Gen1) ports (USB3_3_4)
3	1 DB15 (VGA) port
4	UID button w/ LED
5	Power button w/ LED
6	Reset button
7	NMI button
8	Upper: Hard drive activity LED Lower: System fault LED
9	1 Dedicated IPMI LAN port
10	1 RJ45 (1GbE) LAN port (LAN1)
11	1 RJ45 (1GbE) LAN port (LAN2)

Note: The functions are supported depending on the type of the server motherboard.

Rear I/O Panel



No.	Description
1	2 RJ45 (1GbE) LAN ports
2	1 DB15 (VGA)
3	1 Dedicated IPMI LAN port
4	2 Type-A (USB3.2 Gen1) ports
5	UID button w/ LED
6	Power button w/ LED
7	Reset button
8	NMI button
9	Hard drive LED
10	System LED

UID Button

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

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.

NMI (Nonmaskable Interrupt) Button

Press the NMI button with a paper clip or pin to generate a nonmaskable interrupt and to put the server in a halt state for examination.

Status LED Definitions

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

Power LED	
Status	Description
Off	Power off
Blue	Power on

Hard Drive Activity LED	
Status	Description
Off	Hard drive no connect or power off
Green	Hard drive access

System Fault LED	
Status	Description
Off	Running or normal operation
Amber	Signal error

LAN1 and LAN2 LEDs	
Status	Description
Off	No access
Green	Link between system and network

2.6 Hard Drive Tray LED



No.	Description
1	Hard drive tray status LED
2	Hard drive tray activity LED

LED Definitions

Status LED (No. 1)	Activity LED (No. 2)	Description
Off	Off	Drive not present
Blue	Green	Drive present (not active)
Blue	Blinking Green at 4Hz	Drive present (active)
Blinking Blue at 4Hz	Green	Locate
Red	Green	Fail
Blinking Red at 1Hz	Blinking Green at 4Hz	Rebuild

Chapter 3 Hardware Installation and Maintenance

This chapter helps user to 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.



Ensure the motherboard battery is installed before unplugging the power cord or installing/removing the motherboard. Failure to follow this precaution may result in physical injury or damage to motherboard 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 relevant cables before or after installation.
2. Refer to the server motherboard user manual for instructions on how to install server motherboard components.

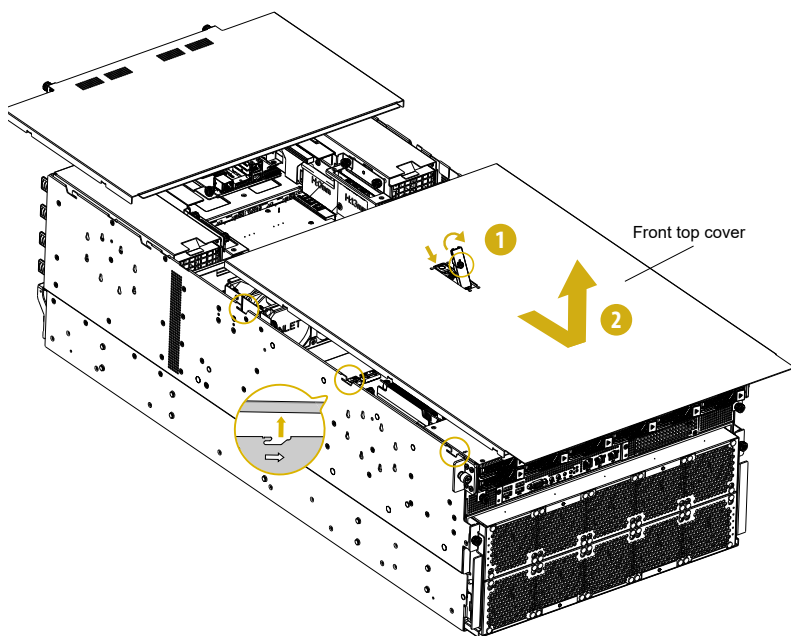
3.1 Server Top Cover



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 covers installed to ensure proper cooling.
3. Front top cover and rear top cover can be removed and installed separately.

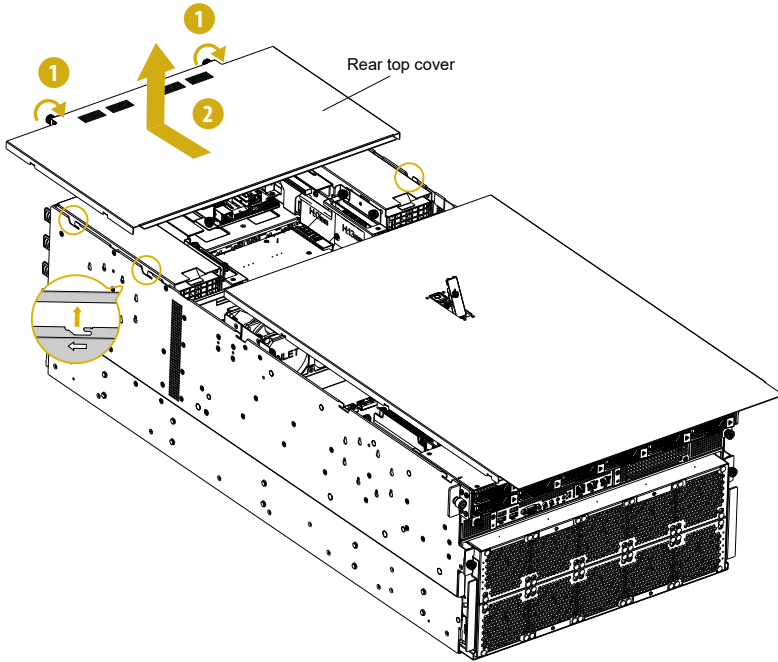
Removing the Server Front Top Cover

1. Loosen the screw of the locking tab and press the button.
2. Push the cover toward the FRONT of the chassis to release it from the locked position.
Lift up and remove the cover.



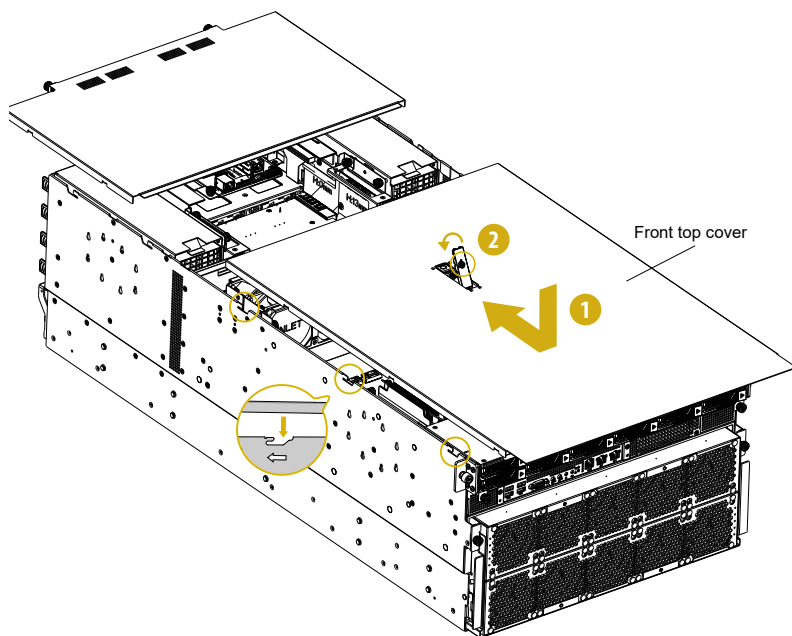
Removing the Server Rear Top Cover

1. Hand-release the thumbscrews on the rear side of the chassis.
2. Push the rear top cover toward the REAR of the chassis to release it from the locked position. Lift up and remove the cover.



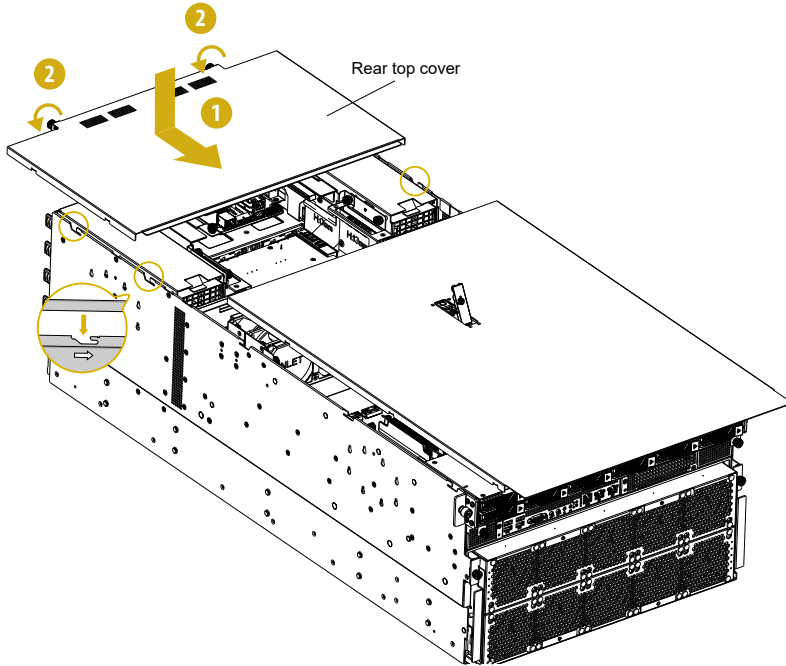
Installing the Server Front Top Cover

1. Lower the front top cover on the chassis, making sure the side latches align with the cutouts. Slide the cover toward the REAR of the chassis.
2. Press down the locking tab and tighten the screw to secure the cover in place.



Installing the Server Rear Top over

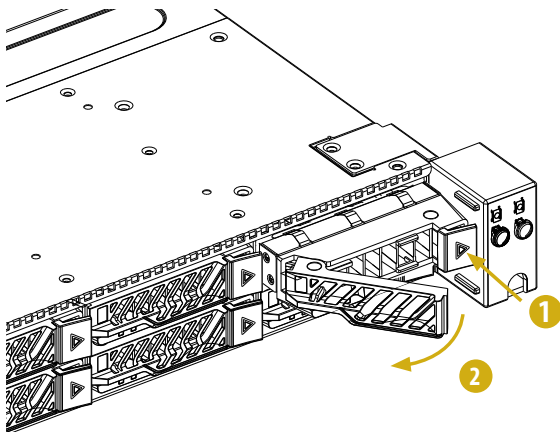
1. Lower the rear top cover on the chassis, making sure the side latches align with the cutouts. Slide the cover toward the FRONT of the chassis.
2. Hand-tighten the thumbscrews on the rear side of the chassis.



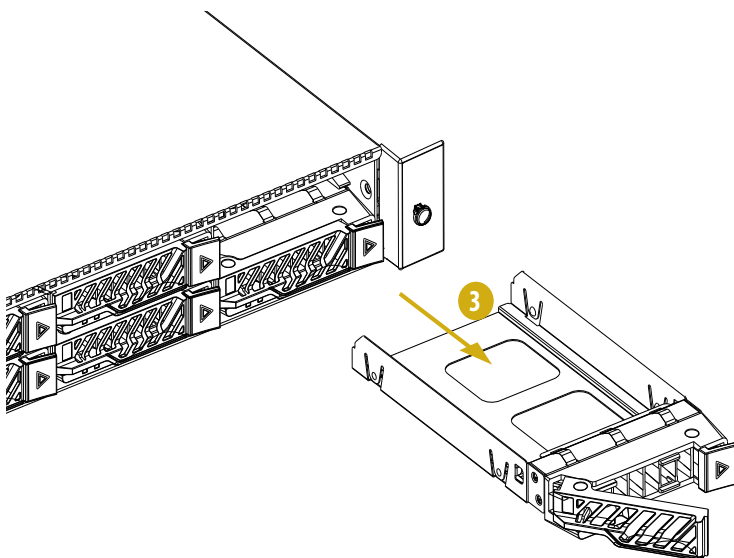
3.2 Hard Drive

Removing Hard Drive Tray from the Chassis

1. Press the locking lever latch.
2. Open the lever.

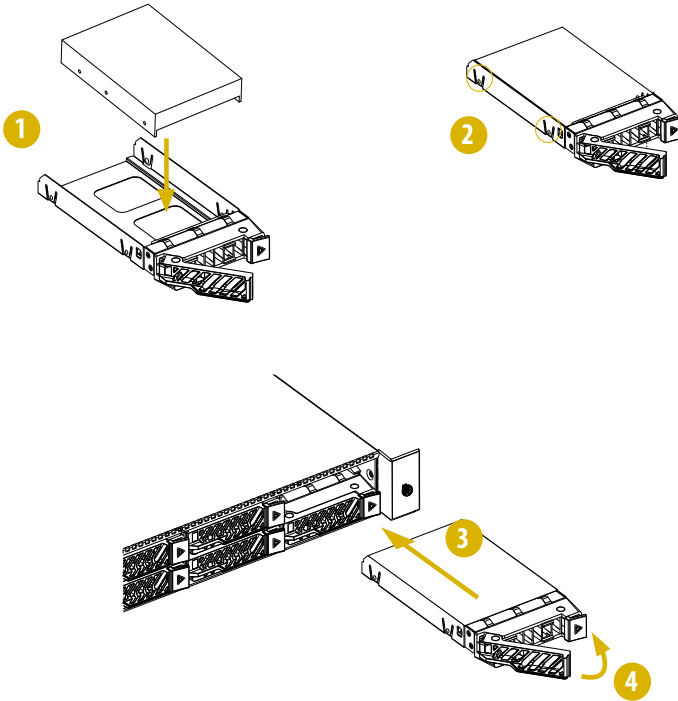


3. Pull the drive tray out.



Installing 2.5" Hard Drive

1. Place the hard drive into the tray with printed circuit board side facing down.
2. Use the bumps on both sides of tray to secure the hard drive.
3. Slide the tray into the hard drive bay.
4. Push in the locking lever to lock the tray in place.



3.3 Power Supply

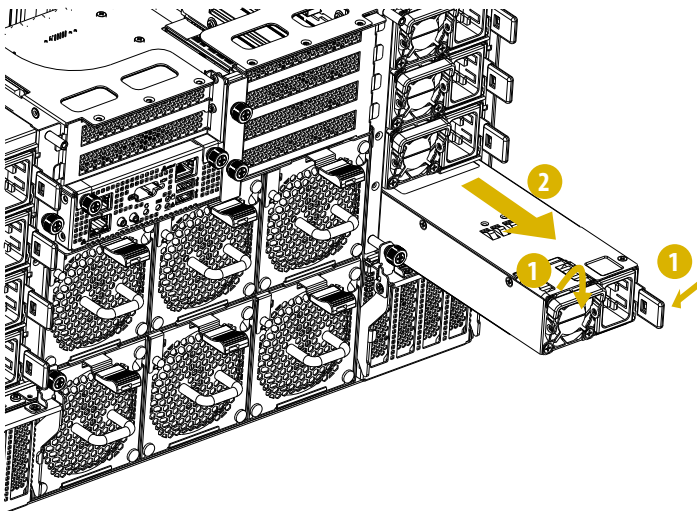
The 6U8M-GENOA2 MI300X system can accommodate eight power supplies in the bay at the rear of the chassis. Each unit provides up to 3000W of power. Four power supplies are required for full load operation, with the other four purely as a redundant, load-sharing backup. Four power supplies can be removed without affecting system operation.



1. Before replacing the power supply, power off the server, unplug the power cord, and disconnect all wiring from the power supply.
2. The redundant system does not require powering down the server.
3. The illustration is for references only. The actual PSU type may be slightly different by models.

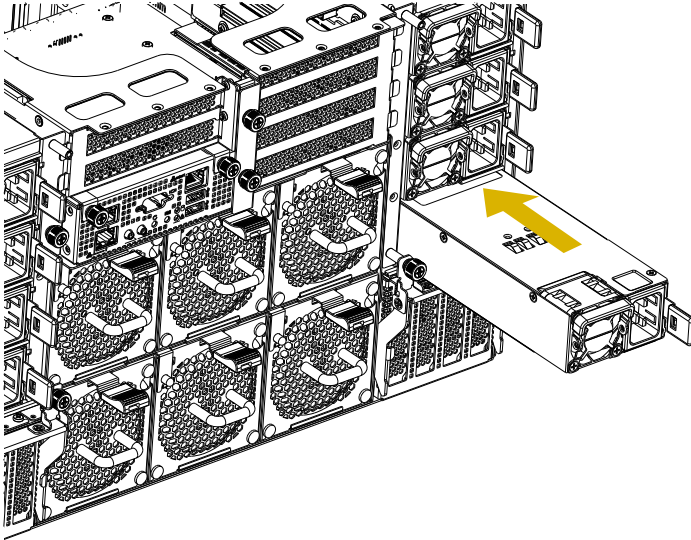
Removing the Power Supply Unit

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



Installing the Power Supply Unit

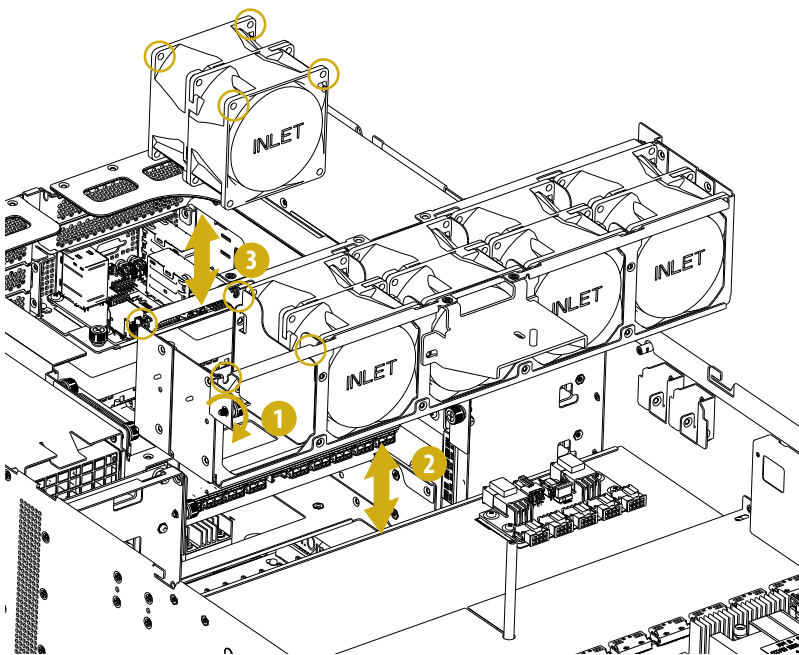
1. Align the PSU with the power supply bay.
2. Carefully slide the PSU all the way into the power supply bay until it clicks into place.



3.4 System Fan

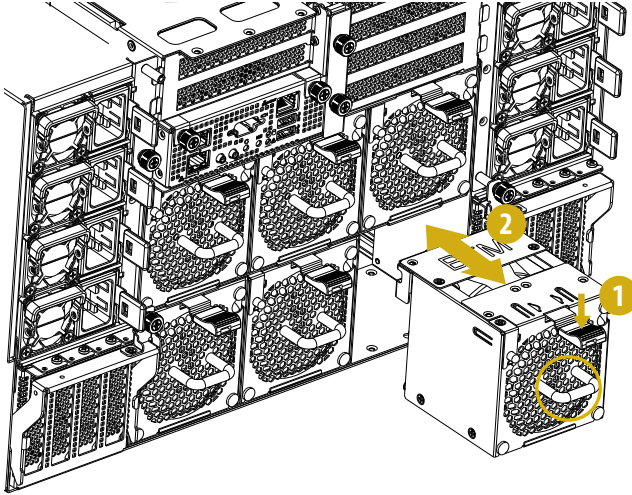
Replacing the Top Fan

1. Hand-release the thumbscrew on the side of the fan bar.
2. Lift up the fan bar.
3. Remove the failed fan.
4. Align the mounting holes on the replacement fan with the fan mounts on the fan bar.
5. Gently place the fan onto the mounts.
6. Make sure the fan is well seated.



Replacing the Rear Fan

1. Hold onto the fan handle while pressing the locking lever towards the fan handle.
2. Pull out the fan from the chassis.
3. Gently place the fan into the bay.
4. Make sure the fan is well seated.



3.5 Add-in Card

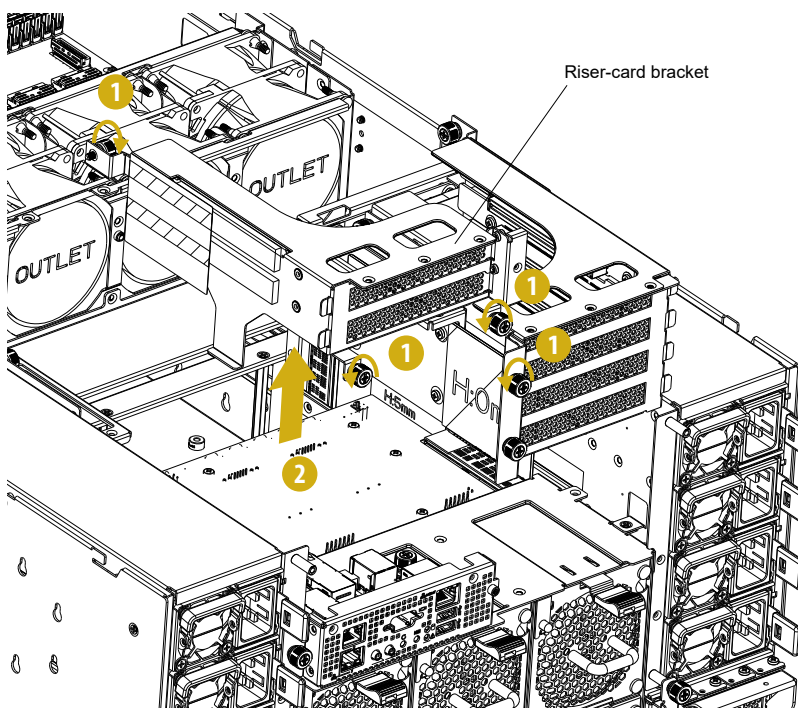


1. Install an add-in card to the chassis only when having a riser-card installed on the server board.
2. Before installing the add-in card, power off the server and unplug the power cord.
3. Left riser-card bracket and right riser-card bracket can be removed independently.

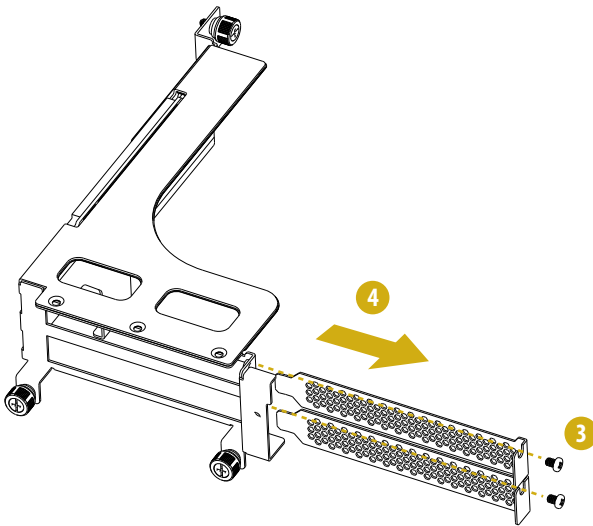
Installing the Add-in Card

FHHL PCIe5.0 x16 (left)

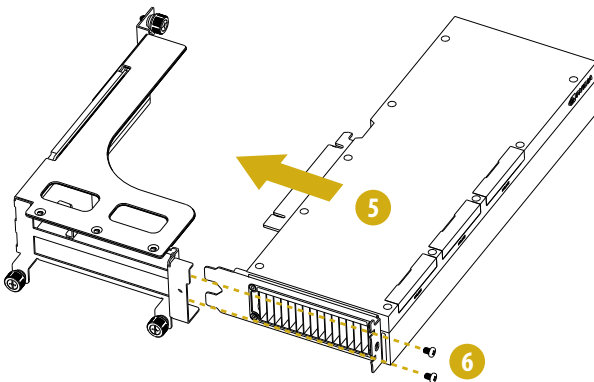
1. Hand-release 3 thumbscrews of left riser-card bracket and 1 thumbscrew of right riser-card bracket.
2. Lift up the left riser-card bracket.



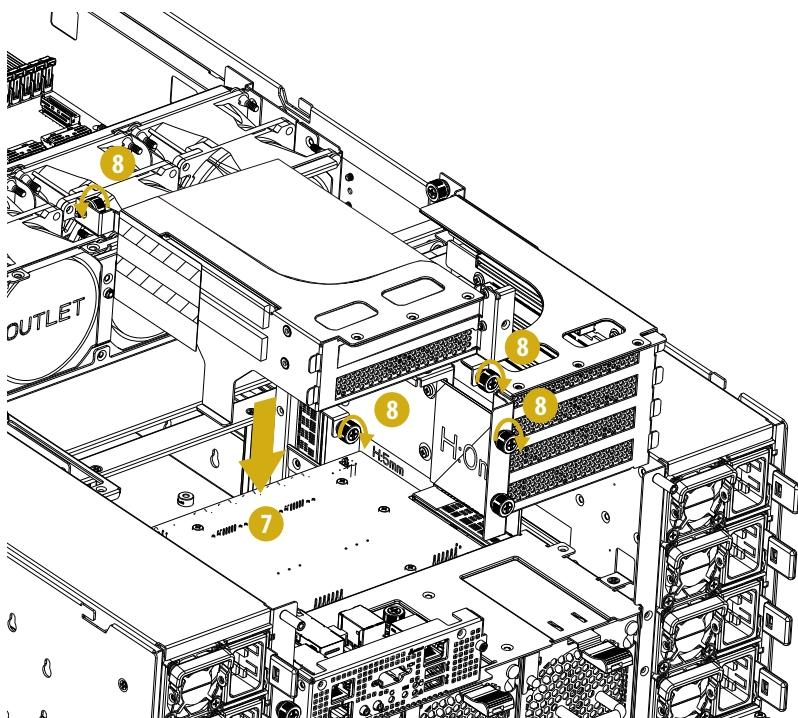
3. Remove the screws securing the blanking plates on the bracket.
4. Slide the blanking plates out sideways.



5. Install the add-in card to the riser-card bracket.
6. Secure the add-in card to the bracket with the screws.

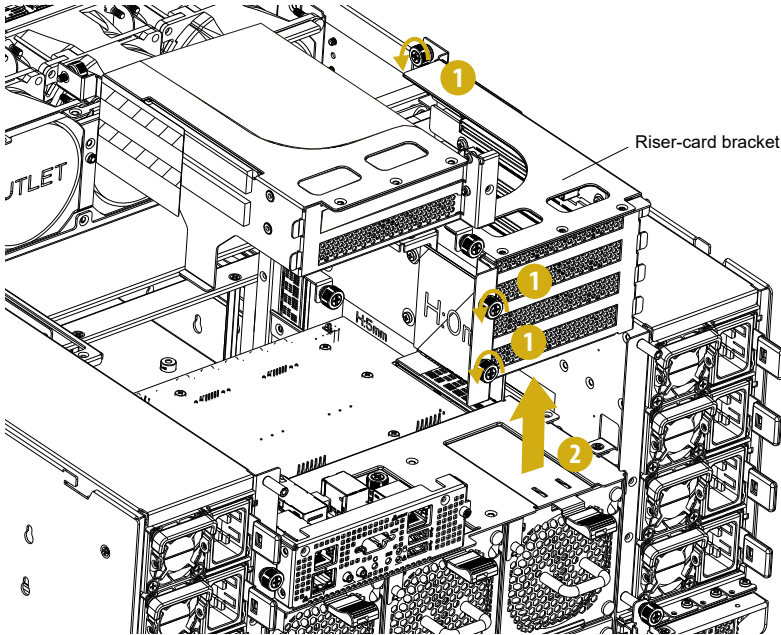


7. Align the riser-card assembly with the openings of the chassis and put it in place.
8. Hand-tighten 4 thumbscrews to secure the assembly to the chassis.

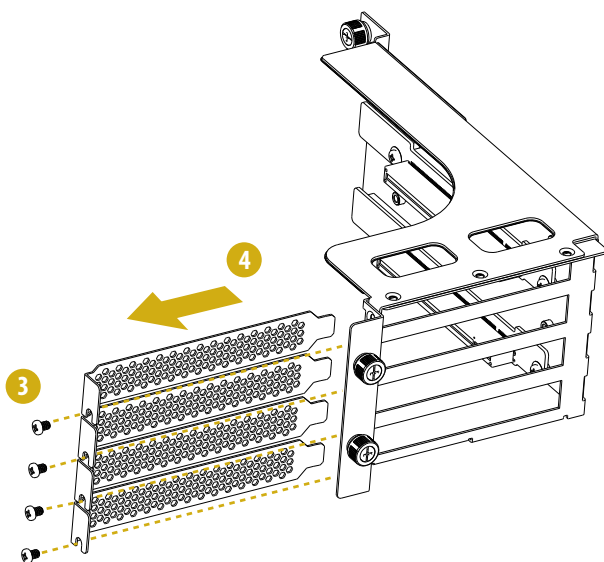


FHHL PCIe5.0 x16 (right)

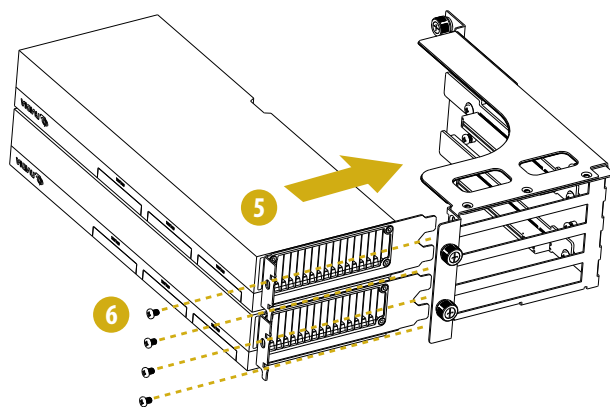
1. Hand-release 4 thumbscrews securing the right riser-card bracket on the chassis.
2. Lift up the riser-card bracket.



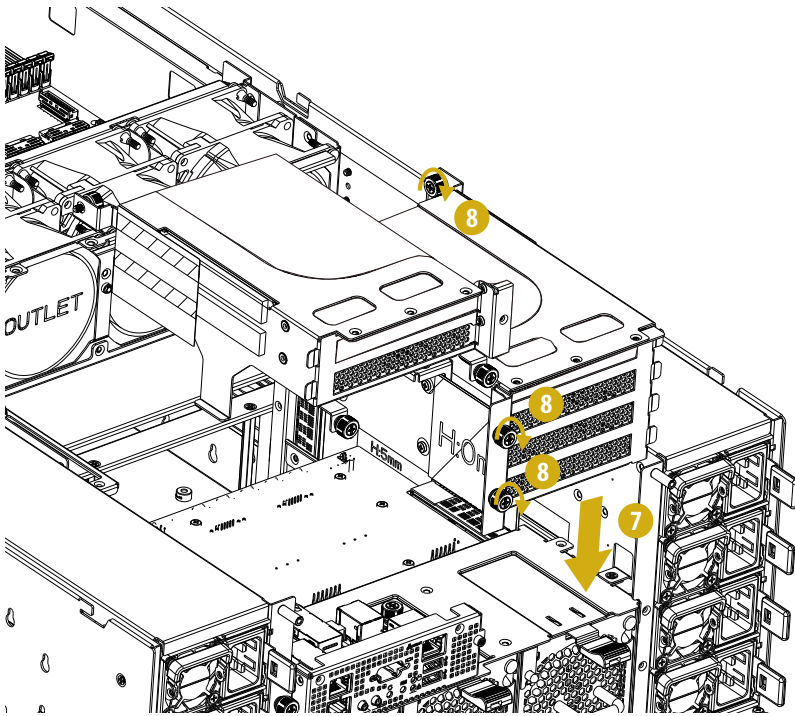
3. Remove the screws securing the blanking plates on the bracket.
4. Slide the blanking plates out sideways.



5. Install the add-in cards to the riser-card bracket.
6. Secure the add-in cards to the bracket with the screws.

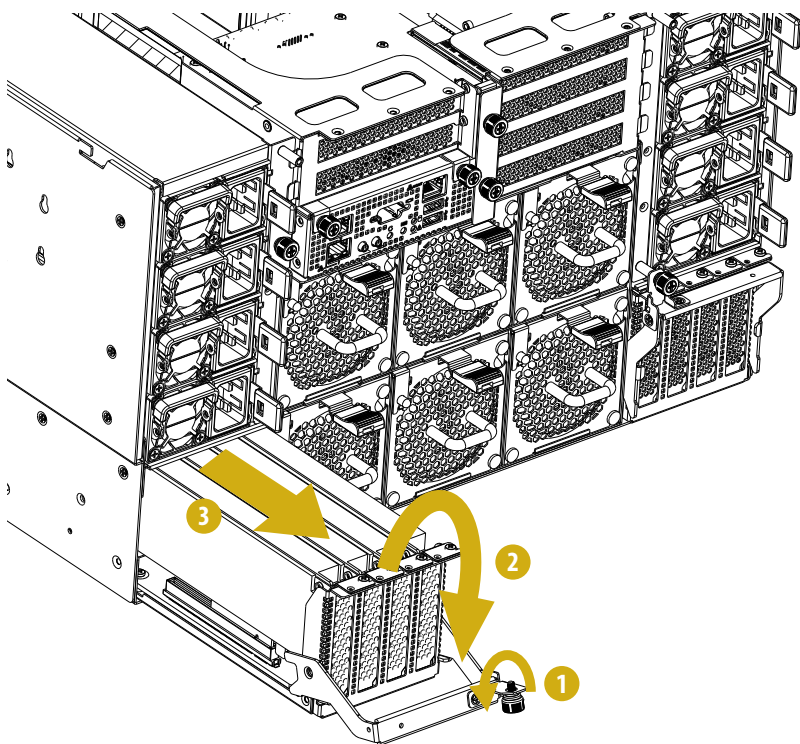


7. Align the riser-card assembly with the openings of the chassis and put it in place.
8. Hand-tighten 4 thumbscrews to secure the assembly to the chassis.

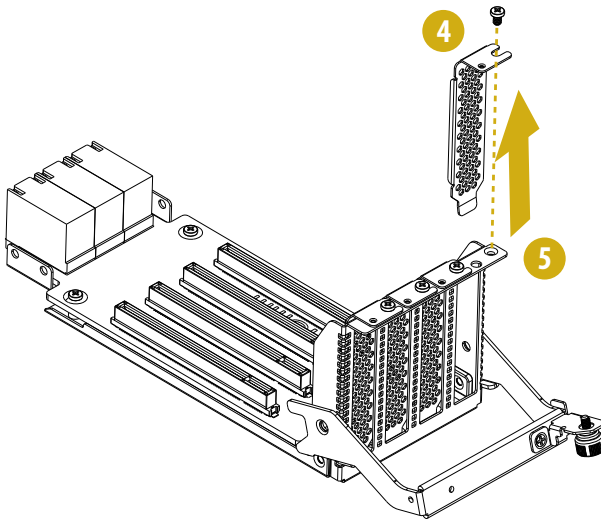


HHHL PCIe5.0 x16

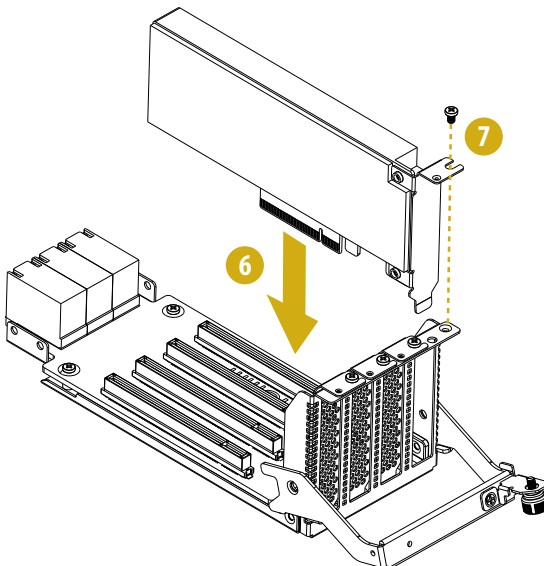
1. Hand-release the thumbscrew securing the riser-card bracket on the chassis.
2. Pull the latch down.
3. Pull to remove the riser-card bracket from the chassis.



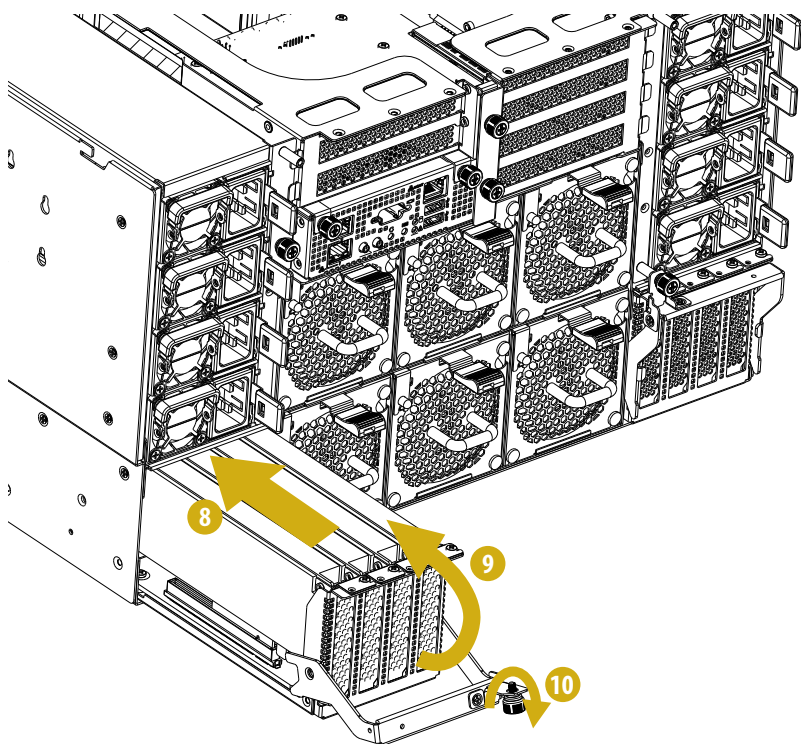
4. Remove the screw securing the blanking plate on the bracket.
5. Slide the blanking plate out sideways.



6. Slot the add-in card to the riser-card board.
7. Secure the add-in card to the bracket with the screw.



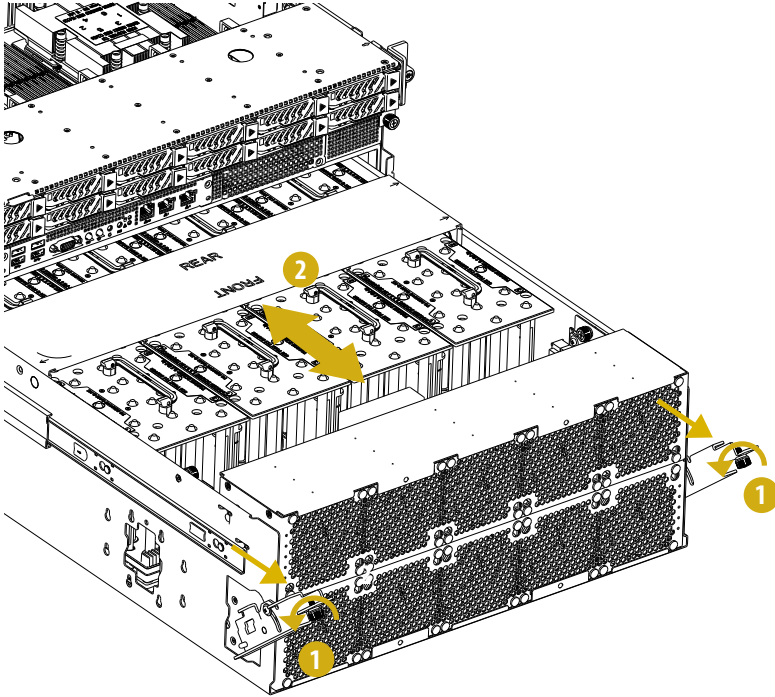
8. Align the riser-card assembly with the opening of the chassis and slide it in place.
9. Lift the latch up to lock the add-in card with bracket.
10. Hand-tighten the thumbscrew to secure the assembly to the chassis.



3.6 GPU Tray

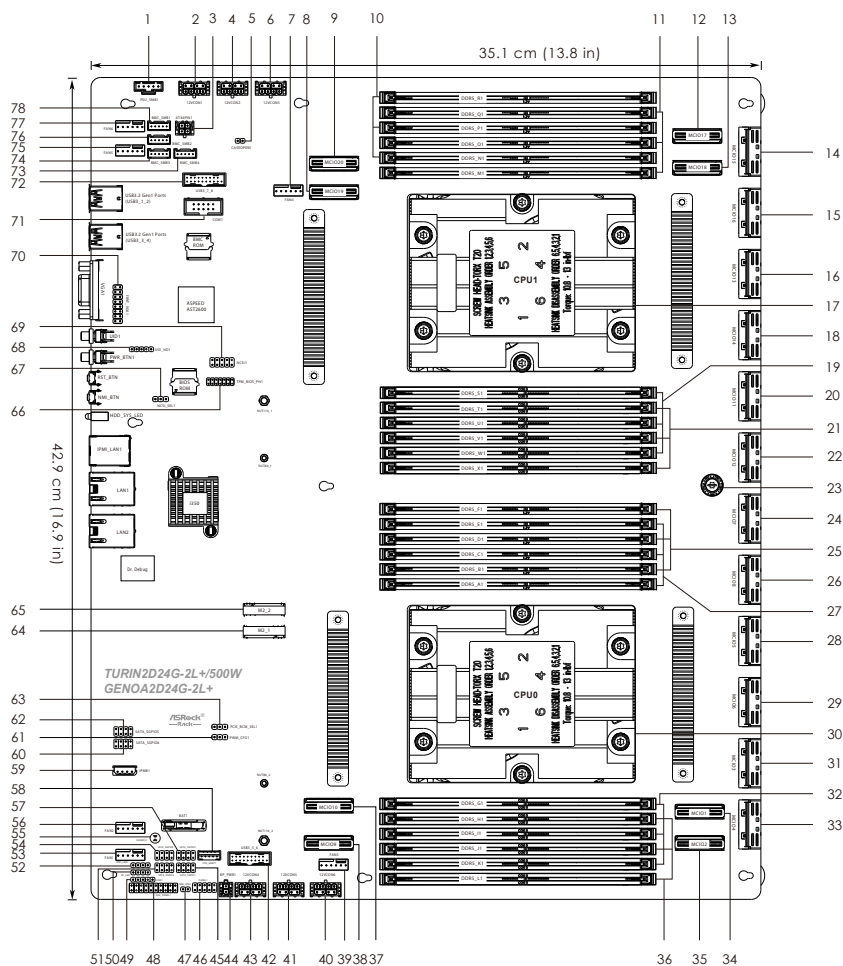
Opening the GPU Tray

1. Hand-release the thumbscrews on both sides of the GPU tray to unlock the tray latches.
2. Pull to remove the GPU tray from the chassis.



Chapter 4 Server Board (GENOA2D24G-2L+)

4.1 Layout



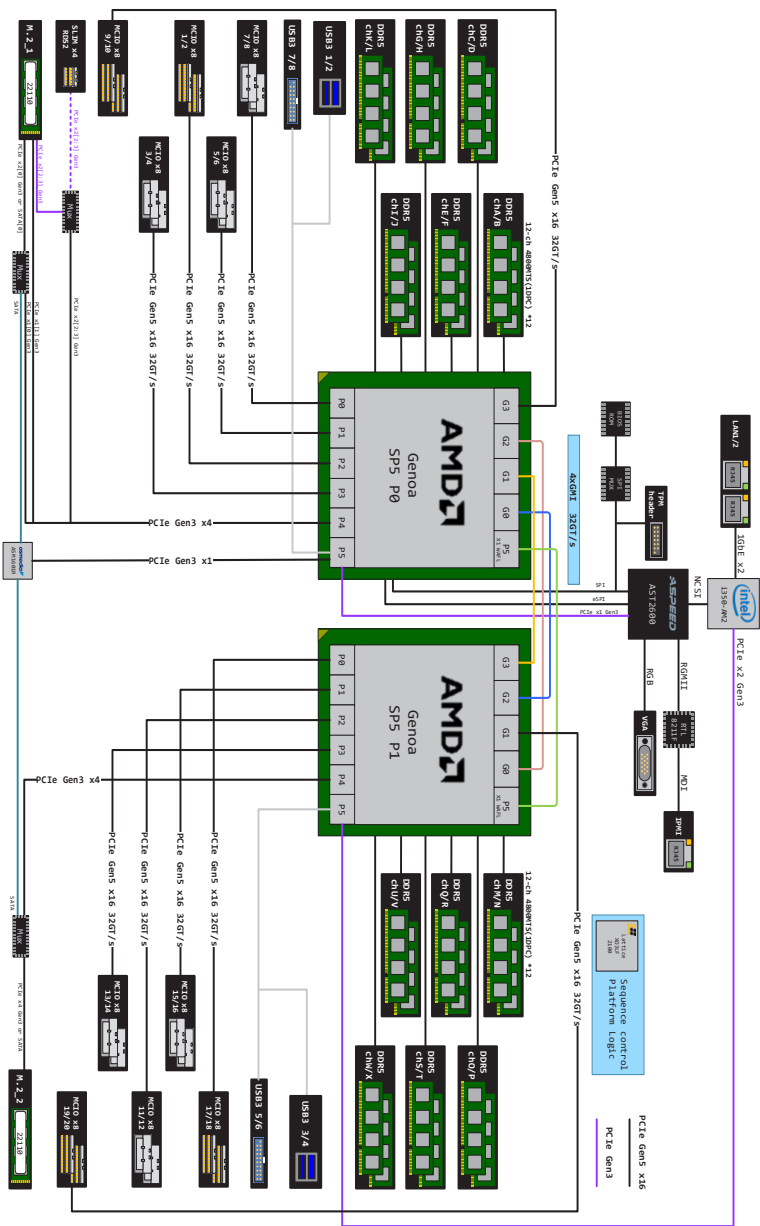
The illustration here is for references only. The actual layout may slightly vary depending on the model and the version used.

No.	Description
1	PSU SMBus Header (PSU_SMB1)
2	ATX 12V Power Connector (12VCON1)
3	Micro-Fit Power Connector (ATX4PIN1)
4	ATX 12V Power Connector (12VCON2)
5	Chassis Intrusion Header (CASEOPEN1)
6	ATX 12V Power Connector (12VCON3)
7	System Fan Connector (FAN4)
8	Mini Cool Edge IO Connector (MCIO19)
9	Mini Cool Edge IO Connector (MCIO20)
10	3 x 288-pin DDR5 DIMM Slots (DDR5_N1, DDR5_P1, DDR5_R1)
11	3 x 288-pin DDR5 DIMM Slots (DDR5_M1, DDR5_O1, DDR5_Q1)
12	Mini Cool Edge IO Connector (MCIO17)
13	Mini Cool Edge IO Connector (MCIO18)
14	Mini Cool Edge IO Connector (MCIO15)
15	Mini Cool Edge IO Connector (MCIO16)
16	Mini Cool Edge IO Connector (MCIO13)
17	AMD Socket SP5 (SM-LGA-6096) (CPU1)
18	Mini Cool Edge IO Connector (MCIO14)
19	3 x 288-pin DDR5 DIMM Slots (DDR5_S1, DDR5_U1, DDR5_W1)
20	Mini Cool Edge IO Connector (MCIO11)
21	3 x 288-pin DDR5 DIMM Slots (DDR5_T1, DDR5_V1, DDR5_X1)
22	Mini Cool Edge IO Connector (MCIO12)
23	Thumbscrew
24	Mini Cool Edge IO Connector (MCIO7)
25	3 x 288-pin DDR5 DIMM Slots (DDR5_B1, DDR5_D1, DDR5_F1)
26	Mini Cool Edge IO Connector (MCIO8)
27	3 x 288-pin DDR5 DIMM Slots (DDR5_A1, DDR5_C1, DDR5_E1)
28	Mini Cool Edge IO Connector (MCIO5)
29	Mini Cool Edge IO Connector (MCIO6)
30	AMD Socket SP5 (SM-LGA-6096) (CPU0)
31	Mini Cool Edge IO Connector (MCIO3)
32	3 x 288-pin DDR5 DIMM Slots (DDR5_G1, DDR5_I1, DDR5_K1)
33	Mini Cool Edge IO Connector (MCIO4)
34	Mini Cool Edge IO Connector (MCIO1)

No.	Description
35	Mini Cool Edge IO Connector (MCIO2)
36	3 x 288-pin DDR5 DIMM Slots (DDR5_H1, DDR5_J1, DDR5_L1)
37	Mini Cool Edge IO Connector (MCIO10)
38	Mini Cool Edge IO Connector (MCIO9)
39	System Fan Connector (FAN3)
40	ATX 12V Power Connector (12VCON6)
41	ATX 12V Power Connector (12VCON5)
42	USB 3.2 Gen1 Header (USB3_5_6)
43	ATX 12V Power Connector (12VCON4)
44	System Power Connector (BP_PWR1)
45	SATA SGPIO Connector (SATA_SGPIO1)
46	System Panel Header (PANEL1)
47	Non Maskable Interrupt Button (NMI_BTN1)
48	Auxiliary Panel Header (AUX_PANEL1)
49	Liquid Crystal Module Header (LCM1)
50	Rear Panel LAN LED (RL_LED)
51	SATA SGPIO Connector (SATA_SGPIO3)
52	IPMI LAN LED Header (IPMI_LED1)
53	System Fan Connector (FAN1)
54	SATA SGPIO Connector (SATA_SGPIO4)
55	Clear CMOS Pad (CLRMOS1)
56	System Fan Connector (FAN2)
57	SATA SGPIO Connector (SATA_SGPIO2)
58	Backplane PCI Express Hot-Plug Connector (CPU_HSBP1)
59	Intelligent Platform Management Bus Header (IPMB1)
60	SATA SGPIO Connector (SATA_SGPIO6)
61	PWM Configuration Header (PWM_CFG1)
62	SATA SGPIO Connector (SATA_SGPIO5)
63	PCIE Signal Source Selection Jumper (PCIE_BCM_SEL1)
64	M.2 Socket (M2_1) (Type 2280/22110)
65	M.2 Socket (M2_2) (Type 2280/22110)
66	SPI TPM Header (TPM_BIOS_PH1)
67	NCSI Mode Jumper (NCSI_SEL1)
68	UID Button Header (UID_HD1)

No.	Description
69	NCSI Header (NCSI1)
70	Front VGA Header (FRNT_VGA1)
71	COM Port Header (COM1)
72	USB 3.2 Gen1 Header (USB3_7_8)
73	BMC SMBus Header (BMC_SMB4)
74	BMC SMBus Header (BMC_SMB3)
75	System Fan Connector (FAN5)
76	BMC SMBus Header (BMC_SMB2)
77	System Fan Connector (FAN6)
78	BMC SMBus Header (BMC_SMB1)

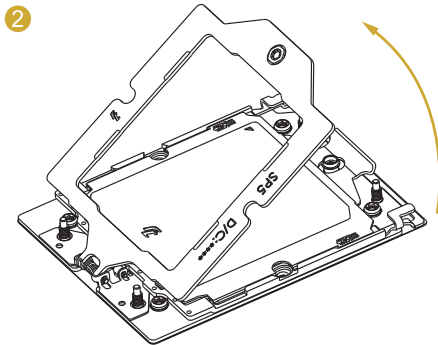
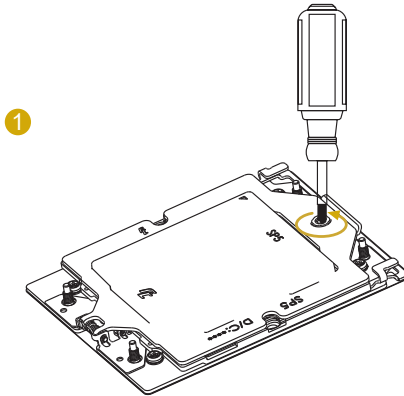
4.2 Block Diagram

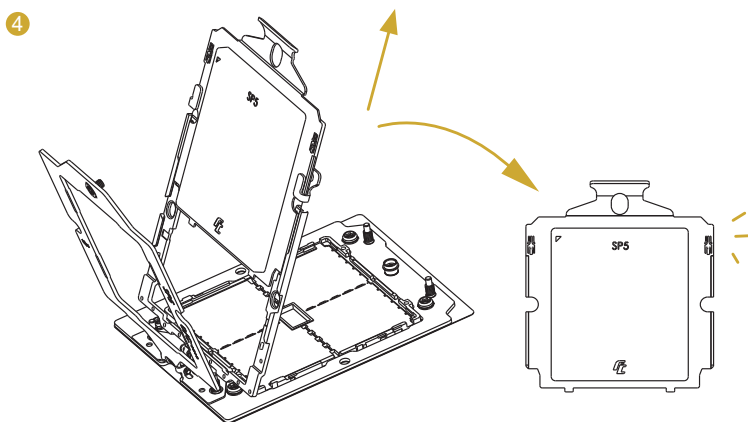
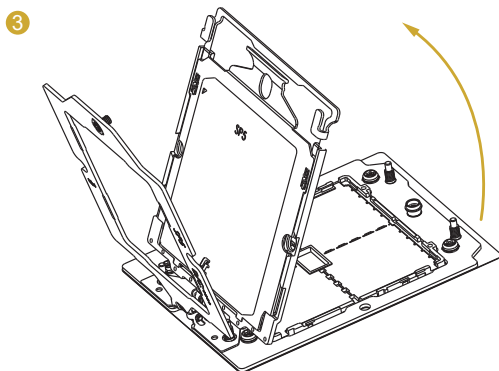


4.3 Installing the CPU and Heatsink (LGA 6096 Socket)

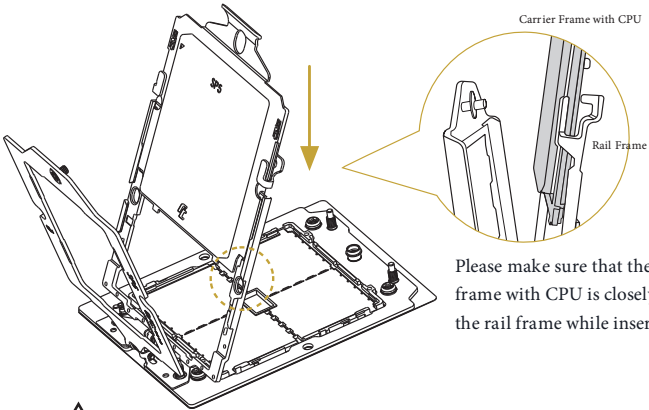


1. Before inserting the CPU into the socket, check if the PnP cap is on the socket, if the CPU surface is unclean, or if there are any bent pins in the socket. Do not force to insert the CPU into the socket if above situation is found. Otherwise, the CPU will be seriously damaged.
2. Unplug all power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





5

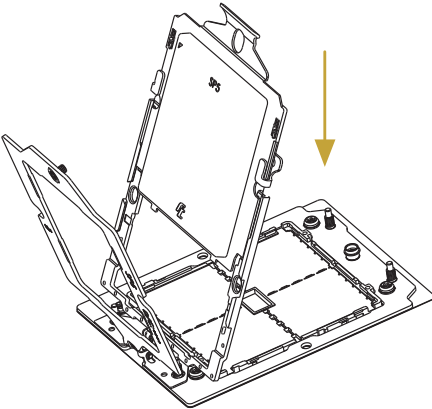


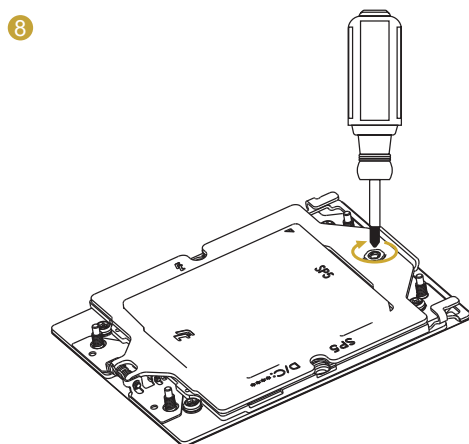
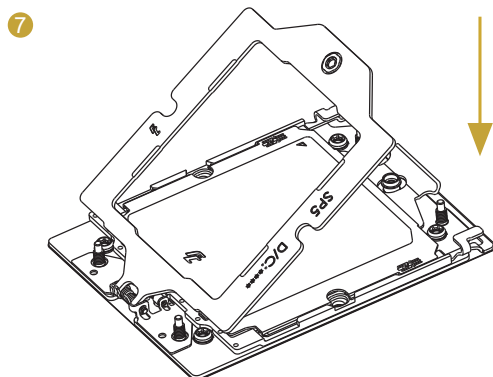
Please make sure that the carrier frame with CPU is closely attached to the rail frame while inserting it.



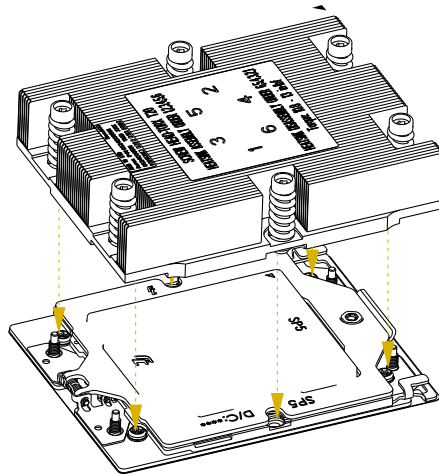
Install the carrier frame with CPU. Don't separate them.

6

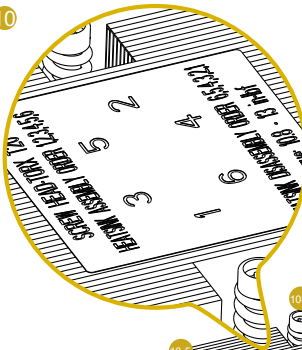




9

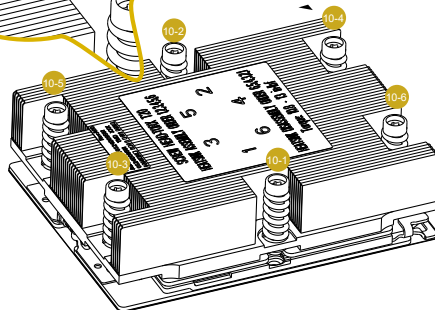


10



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.

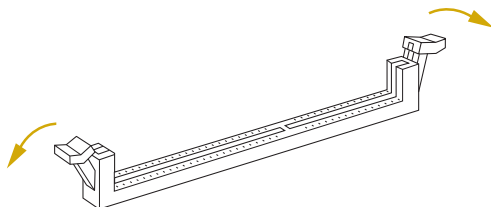


4.4 Installing the Memory Modules (DIMM)

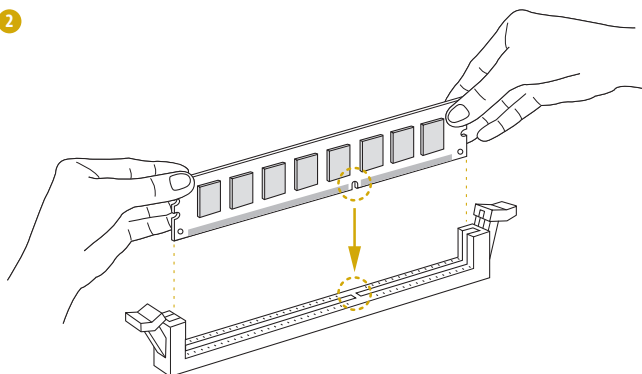


The DIMM only fits in one correct orientation. It will cause permanent damage to the server motherboard and the DIMM if forcing the DIMM into the slot at incorrect orientation. For more information about DIMM installation, refer to the server motherboard user manual.

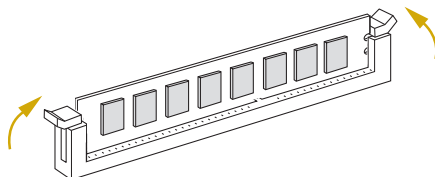
1



2



3



Appendix

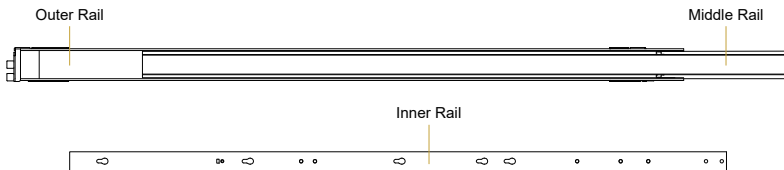
Installing the Server in a Rack

The 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.

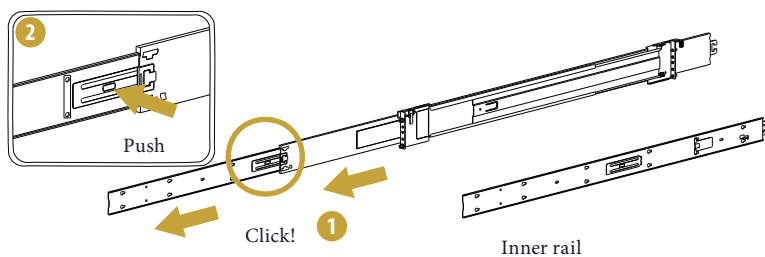
The rail assembly consists of outer, middle and inner rail.



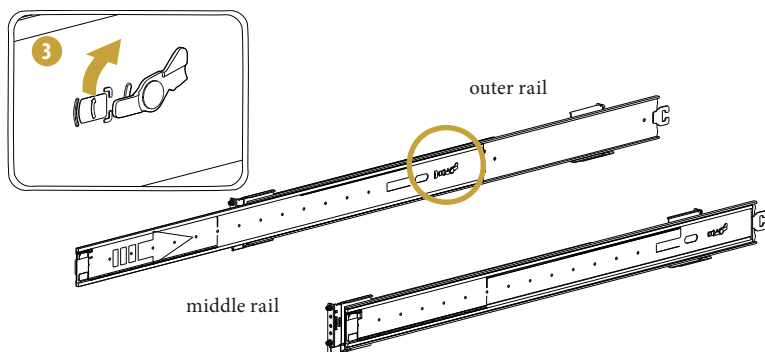
Some slide rails are labeled with either L or R, please identify prior to rail installation. Install the rail labeled with L on the left side of rack, and the rail labeled with R on the right side.

Remove the inner rail

1. Pull the inner rail out.
2. Push locking plate to remove the inner rail from the rail assembly.

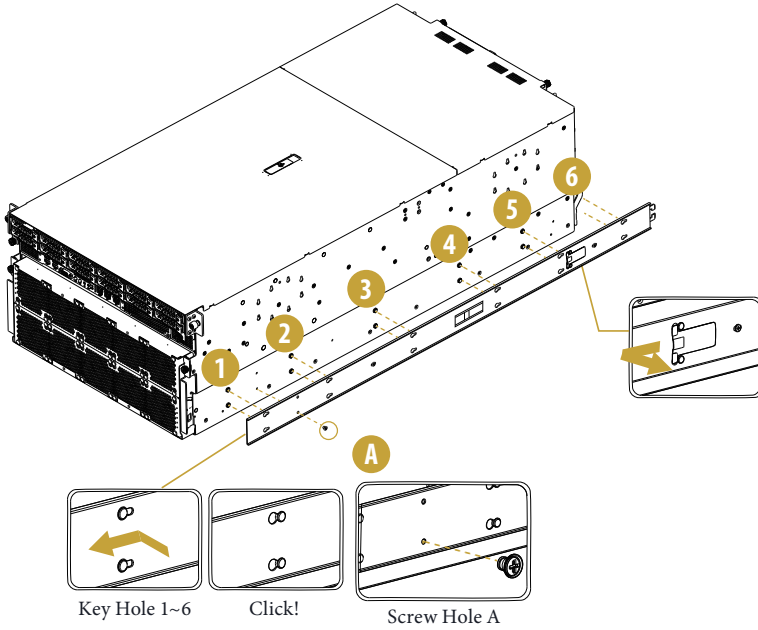


3. Push tab to slide the middle rail.



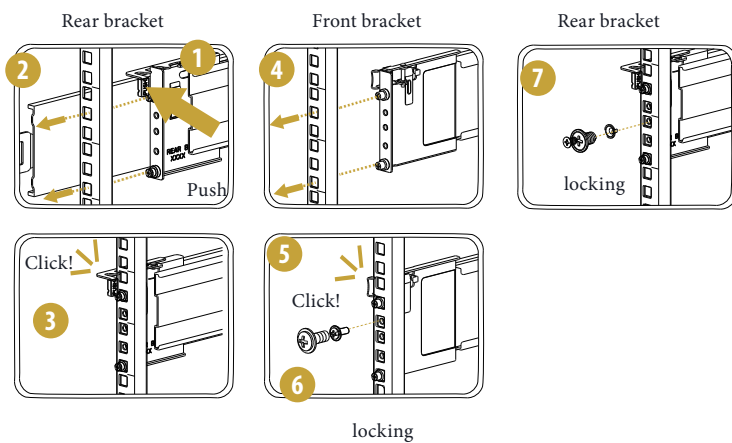
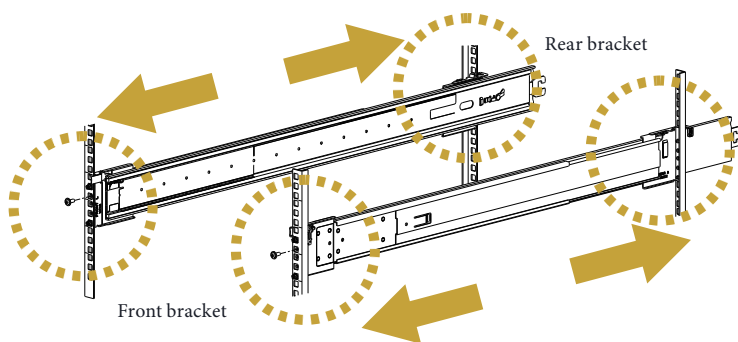
Install inner rail onto the chassis

For safety concern, user can fasten the screw (screw hole A as below picture) on the end of inner member while assmbling on the chassis.



Install the inner member onto the chassis by this direction.

Install outer rail onto the rack post

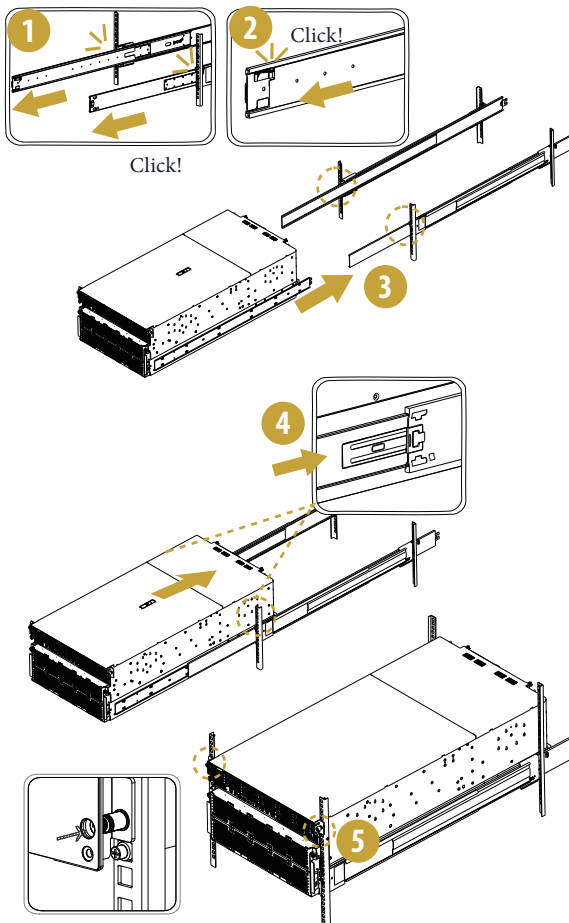


Mount the server in rack

1. Pull out middle rail and confirm if it's locked (Click!).
2. Make sure ball bearing retainer is located at the front of the middle rail.
3. Aim the rear end of inner rail to middle rail, Horizontally insert the chassis to middle and out rail.
4. When chassis is locked, push release tab on both sides and continue sliding the chassis to the rack.
5. Fasten chassis ear screws and secure the rail with shipping screws.



At least two people are required for chassis installation.



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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