



WS300T60L

MS-S429

System
User Guide

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Safety Information



Please read and follow these safety instructions carefully before installing, operating or performing maintenance on the system.

General Safety Instructions

- Always read the safety instructions carefully.
- Keep this User's Manual for future reference.
- Keep this equipment away from humidity.
- Lay the equipment on a stable, flat surface before setting it up.
- Do not cover the air openings to prevent overheating.
- Avoid spilling liquids into the equipment to prevent damage or electrical shock.
- Do not leave the equipment in an unconditioned environment. Storage temperatures above 60°C (140°F) may cause damage.

Electrical Safety

Power Setup and Protection

- Ensure the power source matches the equipment voltage before connection.
- Plug the power cord into a grounded (earthed) electrical outlet that is easily accessible at all times. Do not disable the power cord grounding plug, as it is an important safety feature.
- Do not use a power adapter other than the one provided.
- Place the power cord to avoid being stepped on or crushed.

Handling Power Connections

- Unplug the power cord before inserting add-on cards or modules.
- Disconnect all power supplies before maintenance to avoid electrical shock. If the unit has more than one power supply, disconnect all of them.
- Unplug the power cord to fully disconnect the system. The front panel Power On/Standby button does not completely shut off system power. Portions of the power supply and some internal circuitry remain active until AC/DC power is removed.

Assembly and Installation

Lifting and Placement

- WARNING: This system is heavy.
- Follow occupational health and safety guidelines for manual material handling.

Hot Surfaces

- Allow components like drives and power supplies to cool before touching.

Energy Pack Handling after Removal

To reduce the risk of fire or burns:

- Do not disassemble, crush, or puncture the energy pack.
- Avoid shorting external contacts.
- Do not dispose of the energy pack in fire or water.

Other Components

- Keep away from hazardous moving parts, such as fan blades, to prevent injury.
- Do not drop or jolt the system, as this may damage internal components or compromise safety.

General Precautions During Operation

- Avoid operating the server with the access panel open or removed for extended periods, as this disrupts airflow and may cause overheating.
- Do not insert incorrect connectors into ports to avoid damage to components or the risk of electrical hazards.
- This equipment is not suitable for use in locations where children are likely to be present.

When to Contact Service Personnel

Seek immediate assistance from qualified personnel if any of the following occurs:

- The power cord or plug is damaged.
- Liquid has entered the equipment.
- The equipment has been exposed to moisture.
- The equipment does not function as described in the User Guide.
- The equipment has been dropped or physically damaged.
- The equipment shows visible signs of breakage.

System Specifications

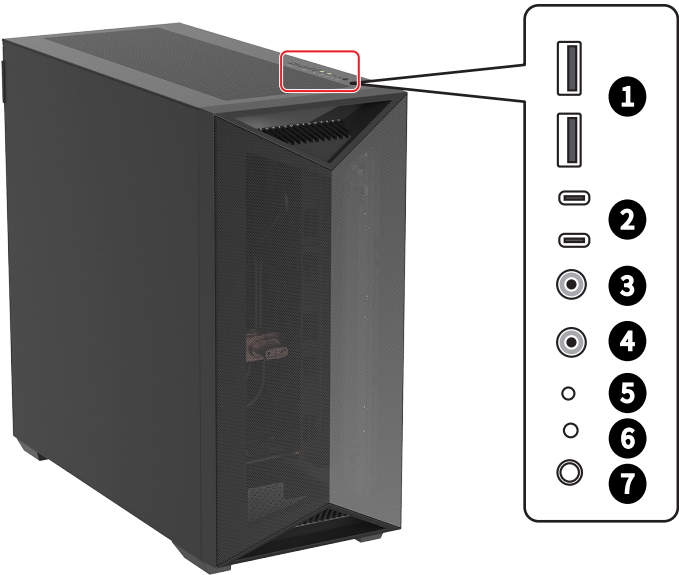
SKU Name	WS300T60L
Form factor	Tower
Dimensions	245.7mm (9.67")W x 529.0mm (20.83")H x 570.4mm (22.46")D
CPU	1 x Grace 72-Core Neoverse V2
GPU	1 x NVIDIA Blackwell Ultra
OS Support	Ubuntu with NVIDIA AI Developer Tools
Memory	• Up to 748 GB of coherent memory - CPU memory up to 496 GB LPDDR5X up to 396 GB/s - GPU memory up to 252 GB HBM3e 7.1 TB/s
Internal Storage	Four total M.2 ports. Two are pre-configured with boot drives out of the box, two are open and available for expansion. • 2 x 2280 PCIe 5.0 x4 NVMe M.2 ports (Filled with boot drives, connected to the CPU) • 2 x 2280 PCIe 6.0 x4 NVMe M.2 ports (Open and available for expansion, connected to the CX8) Note: • M.2 heatsinks included for all four M.2 ports • 2 x 2TB NVMe M.2 SSDs included, installed in the CPU ports & configured in RAID 1 for OS • Ubuntu 24.04 LTS with Nvidia AI Developer Tools pre-installed on the boot drives
Expansion Slots	• 1 x PCIe 5.0 x16 FHFL double-wide slot • 2 x PCIe 5.0 x16 FHFL single-wide slots with x8 signals • 1 x PCIe 2.0 x1 2230 M.2 slot (Key-E, for WiFi/BT)
Networking	• 2 x QSFP112 400G Ethernet ports (NVIDIA ConnectX-8) • 2 x 10GBASE-T Ethernet ports with Marvell AQC113
Top I/O	• 2 x USB 3.2 Gen 2 Type-A ports • 2 x USB 3.2 Gen 2 Type-C ports • 2 x Audio ports (line-out/ mic) • HDD Activity LED • System Reset Button • System Power LED Button
Rear I/O	• 2 x QSFP112 400G Ethernet ports • 1 x 1000BASE-T RJ45 Ethernet port (dedicated management) • 1 x 10GBASE-T RJ45 Ethernet port • 1 x Micro-USB COM port • 4 x USB 10Gbps Type-A ports • 1 x Mini DisplayPort • 3 x Audio ports (line-in/ line-out/ mic)

Continued on next page

SKU Name	WS300T60L
Security	• Chassis intrusion • Onboard TPM 2.0 • Hardware Root-of-Trust (ERoT): Microchip® CEC1736 supported
Server Management	• 1 x 1000BASE-T RJ45 Ethernet Port (dedicated management) • ASPEED AST2600 with AMI MegaRAC based firmware - Supports IPMI 2.0 and DMTF Redfish® API • eMMC for local BMC storage media
Cooling	• 1 x Liquid cooling module for max. 1400W CPU+GPU • 1 x 12025 system fans
Environment	• Operating Temperature: 10°C ~ 30°C (50°F ~ 86°F) • Operating Humidity: 10% to 80% (non-condensing) • Non-operating Temperature: 5°C ~ 40°C (41°F to 104°F) • Non-operating Relative Humidity: 10% to 80% (non-condensing)
Power Supply	• 1 x 1600W ATX 80 PLUS® Platinum - Dimensions (WxHxL): 150 x 86 x 210 mm Rating: • AC Input: 100-114Vac, 15A, 47-63Hz • Output: Max 1300W • AC Input: 115-240Vac, 15-8A, 47-63Hz • Output: Max 1600W* *System requires a 20-amp circuit to plug-in.
Certification	CE, FCC (Class A)

System Overview

Top/ Front View

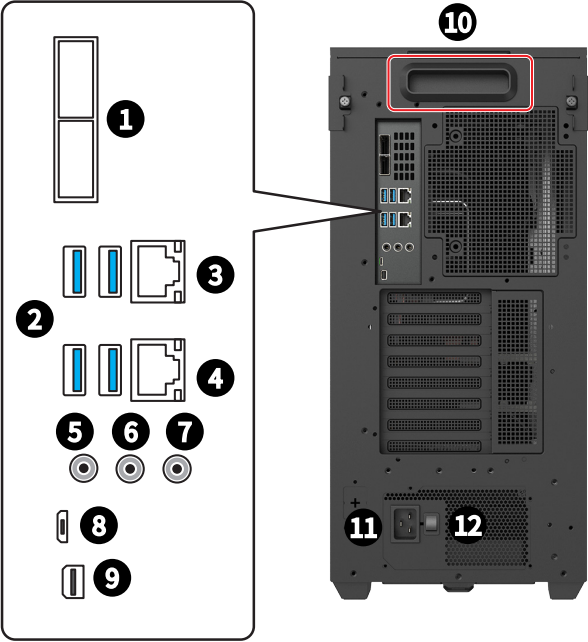


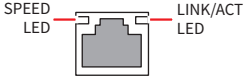
Item	Description
1	USB 3.2 Gen 2 Type-A Port This connector is provided for USB peripheral devices.
2	USB 3.2 Gen 2 Type-C Port This connector is for USB peripheral devices. The port provides up to 5V output.
3	Mic-In Jack This connector is provided for microphones.
4	Line-Out Jack This connector is provided for headphones or speakers.
5	HDD Activity LED This indicator shows the activity status of the HDD. It flashes when the system is accessing data on the HDD and remains off when no disk activity is detected.

Continued on next page

Item	Description									
6	System Reset Button Press the Reset button to reset your system.									
7	System Power LED Button Short press the power button to turn the system on or off.									
	<table><tr><td rowspan="4"></td><th>LED Status</th><th>Description</th></tr><tr><td> Off</td><td>ACPI S5/ Deep S5, Power Off</td></tr><tr><td> Blinking</td><td>Booting Status</td></tr><tr><td> Green</td><td>ACPI S0</td></tr></table>		LED Status	Description	 Off	ACPI S5/ Deep S5, Power Off	 Blinking	Booting Status	 Green	ACPI S0
			LED Status	Description						
			 Off	ACPI S5/ Deep S5, Power Off						
			 Blinking	Booting Status						
 Green		ACPI S0								
 Important										
After connecting power, wait 5 minutes for BMC initialization to complete (no display or LED activity), then short press the power button once to turn on the system.										

Rear View



Item	Description			
1	QSFP112 400G Ethernet Port Provides 400 Gbps connectivity powered by NVIDIA ConnectX-8 chipset.			
2	USB 10Gbps Type-A Port This connector is provided for USB peripheral devices.			
3	1000BASE-T RJ45 Ethernet Port (dedicated management) Provides a 1 Gbps RJ-45 dedicated out-of-band management interface connected to the BMC. Use this port for system management, monitoring, and remote access.			
		LED	Status	Description
		Link/ Activity LED	 Off	No link
			 Green	Linked
			 Blinking	Data activity
		Speed LED	 Amber	10/100 Mbps
			 Green	1 Gbps

Continued on next page

Item	Description															
4	10G BASE-T RJ45 Ethernet Port Provides a 10 Gbps Ethernet interface over a standard RJ-45 connector. SPEED LED LINK/ACT LED  <table><thead><tr><th>LED</th><th>Status</th><th>Description</th></tr></thead><tbody><tr><td rowspan="3">Link/ Activity LED</td><td> Off</td><td>No link</td></tr><tr><td> Green</td><td>Linked</td></tr><tr><td> Blinking</td><td>Data activity</td></tr><tr><td rowspan="2">Speed LED</td><td> Amber</td><td>10/100/1000 Mbps</td></tr><tr><td> Green</td><td>10 Gbps</td></tr></tbody></table>	LED	Status	Description	Link/ Activity LED	 Off	No link	 Green	Linked	 Blinking	Data activity	Speed LED	 Amber	10/100/1000 Mbps	 Green	10 Gbps
LED	Status	Description														
Link/ Activity LED	 Off	No link														
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Speed LED	 Amber	10/100/1000 Mbps														
	 Green	10 Gbps														
5	Mic-In Jack This connector is provided for microphones.															
6	Line-Out Jack This connector is provided for headphones or speakers.															
7	Line-In Jack This connector is provided for external audio output devices.															
8	Micro-USB COM Port Provides a Micro-USB interface for serial console access.															
9	Mini-DisplayPort This port is a compact version of DisplayPort, used for connecting displays. With the appropriate active adapter, it supports connections to VGA, DVI, or HDMI displays. This port supports a maximum resolution of 1024 x 768.  Important <i>This Mini-DisplayPort does not support DP++ (Dual-Mode DisplayPort), so passive adapters are not compatible.</i>															
10	System Handle Provides a secure grip point for lifting and moving the system. Use the handle to assist in safe handling and positioning of the chassis.															
11	Power Connector This power connector is for power cord.															
12	Power Switch I means ON (power connected) and O means OFF (power disconnected).															

System Storage Topology

The system supports four M.2 NVMe SSDs using the **M.2 2280** form factor with PCIe interfaces.

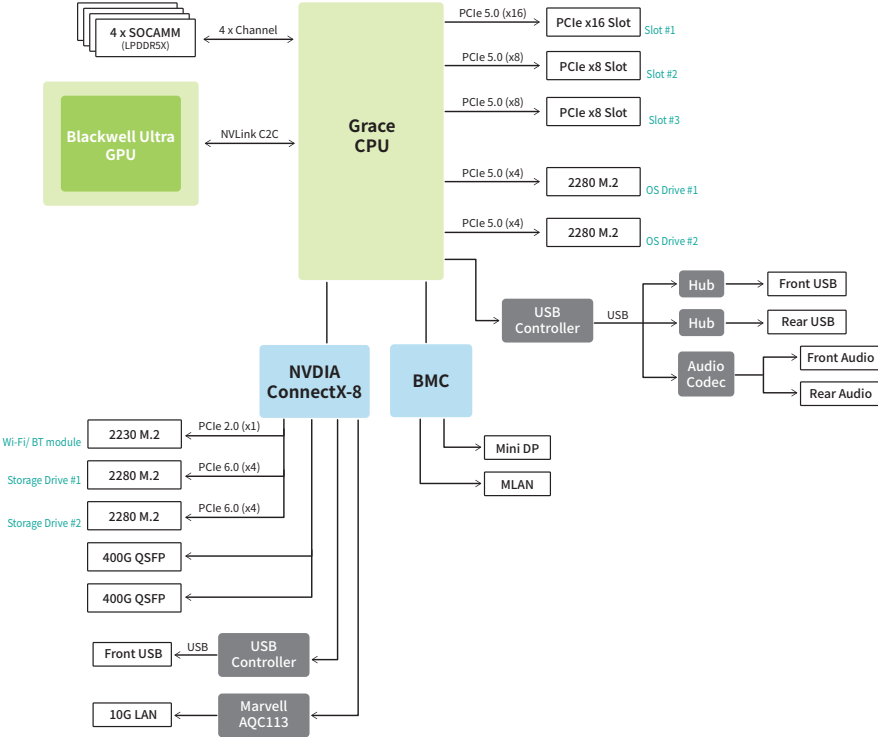


Drive Name	Usage	Interface
OS Drive #1	OS boot drive	PCIe 5.0 x4
OS Drive #2	OS boot drive	PCIe 5.0 x4
CX8 Drive #1	Data training	PCIe 6.0 x4
CX8 Drive #2	Data training	PCIe 6.0 x4

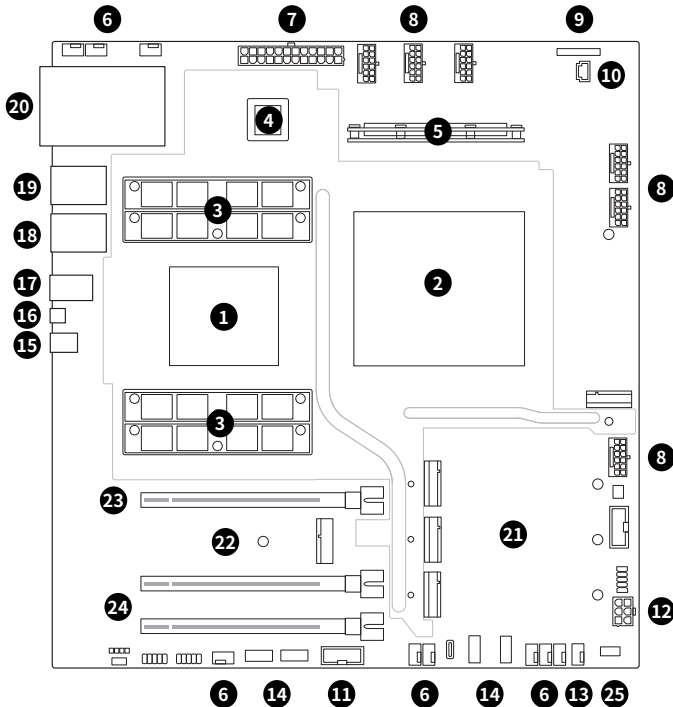
 Important

Modifying or replacing boot drives may impact system functionality and require OS reinstallation.

Block Diagram



Motherboard Overview



Item #	Description	Item #	Description
1	Grace 72-Core Neoverse V2	14	USB-C connector
2	Blackwell Ultra	15	MiniDP connector
3	SOCAMM LPDDR5X module	16	BMC UART to Micro-USB connector
4	ConnectX-8 SuperNIC	17	Audio connector
5	BMC management module	18	10Gb Ethernet and Dual USB Type-A connector
6	Fan connector	19	1Gb Ethernet and Dual USB Type-A connector
7	ATX Power connector	20	QSFP112 400G Ethernet ports
8	12V CEM Power connector	21	M.2 SSD slot
9	RTC battery connector	22	M.2 Wi-Fi/Bluetooth slot
10	Intruder connector	23	PCIe 5.0 x16 slot
11	Front panel USB 2.0 connector	24	PCIe 5.0 x16 slot (with x8 signal)
12	Pump power connector	25	Liquid pump I2C header
13	Pump control connector		

Getting Started

Before You Begin

- Ensure that you have read and understood the “[Safety Information](#)” section.
- Verify that the installation environment meets system requirements.
- Ensure all required tools and equipment are available.



Important

- *Failure to follow safety instructions may result in personal injury or system damage.*
- *System images and illustrations are for reference only. The actual appearance and configuration may vary.*

Required Tools

The following tools may be required for installation or service procedures:



Screwdriver



Pliers



Tweezers



Anti-Static Gloves

System Setup

This section provides instructions for accessing the system chassis and installing supported components.



Important

- Refer to the “[Getting Started](#)” section for safety guidelines and required tools.
- Always **power off the system** and disconnect all cables before performing any hardware service.
- This system is heavy. We recommend that two people work together to lift and move the system to prevent injury or equipment damage.



Pre-installed Components (Do Not Service)

The following components are pre-installed and **NOT user-serviceable**:

- System fans
- Liquid cooling module
- CPU (NVIDIA Grace)
- GPU (NVIDIA Blackwell Ultra)
- System memory (SOCAMM)
- BMC management module
- Power supply unit



Important

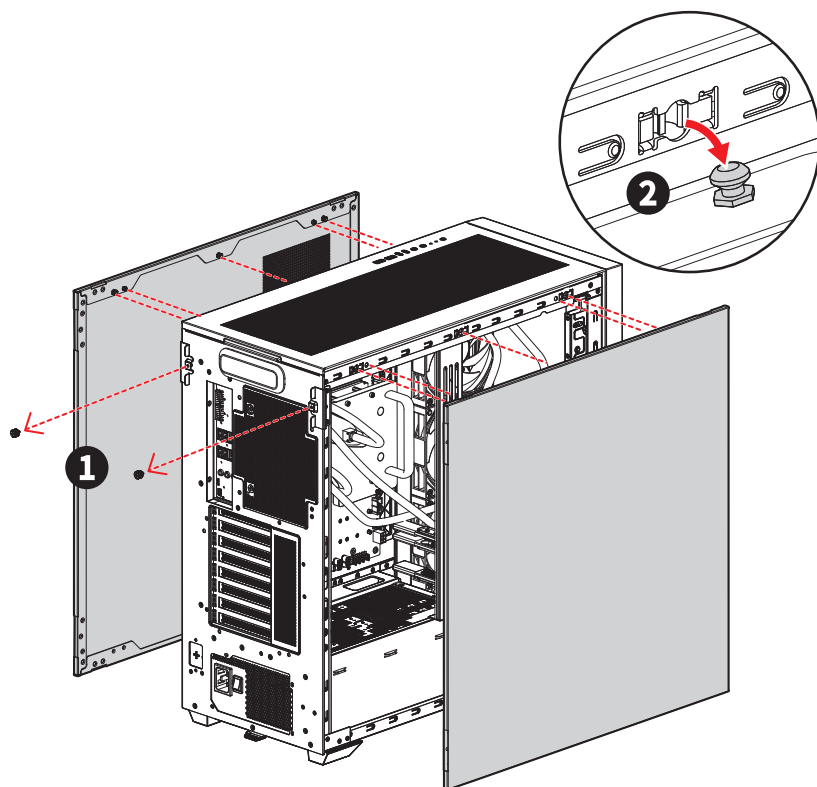
The **liquid cooler** and **system memory** are not designed to be user serviceable. Removal may cause damage which is not covered under warranty.

System Side Panel

Removing the Side Panels

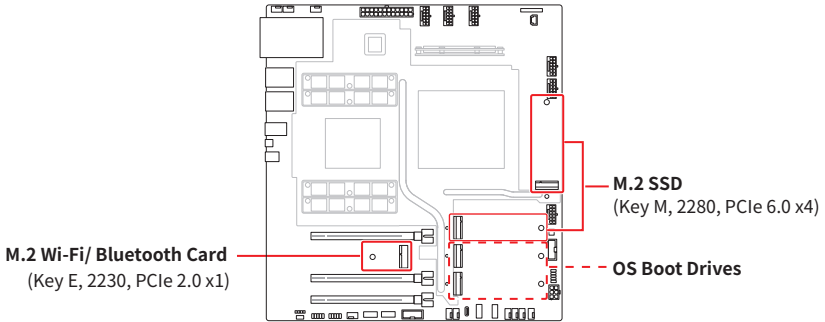
Procedure

1. Release the thumb screws located on the rear of the chassis.
 2. Pull the panels slightly outward to disengage the snap-fit clips.
 3. Lift both side panels away from the chassis.
- *Place the panels on a clean and stable surface to prevent damage.*



M.2 Module

M.2 Module Location



Important

Ensure the heatsink is installed after SSD installation.

Installing M.2 SSD and Heatsink (Key M, 2280)

Prerequisite

- [System side panel](#) removed.
- Tools Required:
 - 2.5 mm hex screwdriver
 - 1.5 mm hex screwdriver



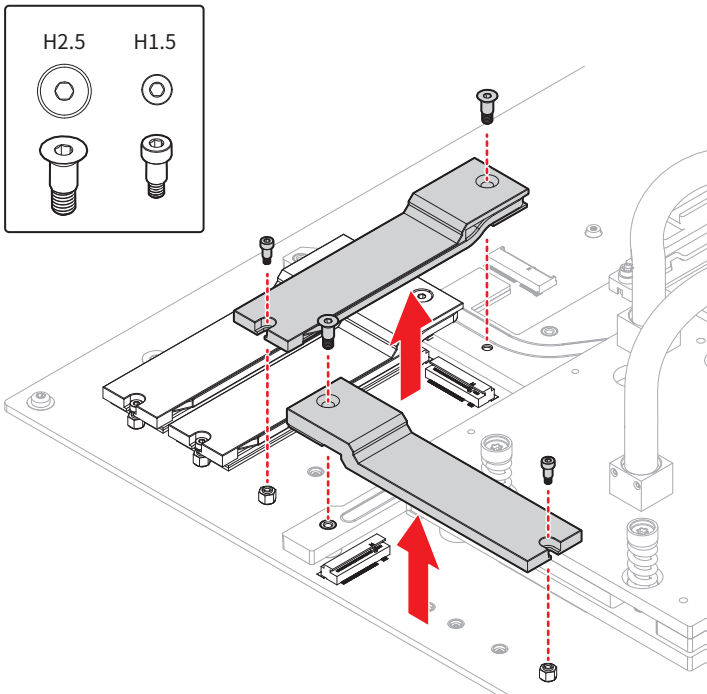
Important

The screws may have weak magnetism. Handle them carefully to avoid dropping them into the chassis.

Procedure

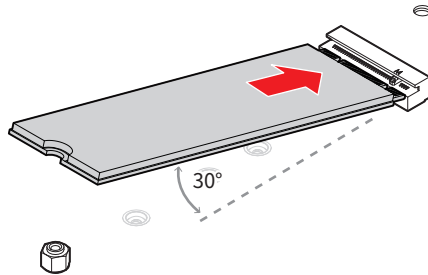
Remove the Pre-installed M.2 Heatsink

1. Use the **2.5 mm hex** and **1.5 mm hex** screwdrivers to loosen the two mounting screws on the heatsink.
2. Carefully lift the heatsink off the motherboard standoff and set it aside.



Install the M.2 SSD

3. Insert the M.2 SSD into the slot at a 30-degree angle.

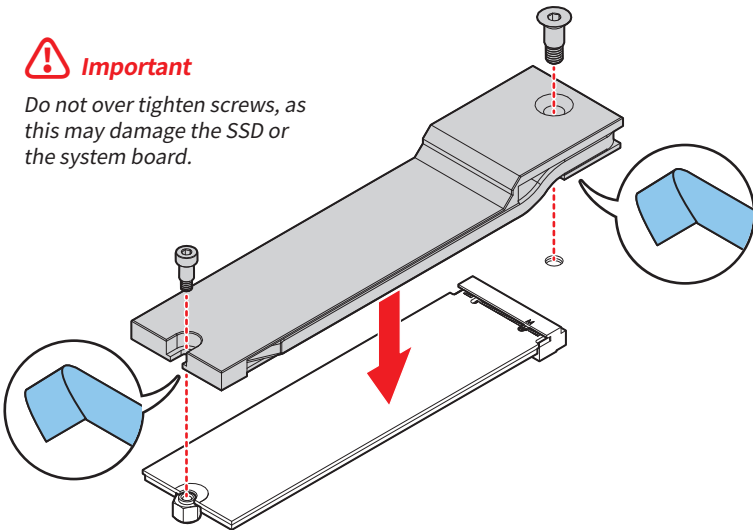


Reinstall the Heatsink (Securing the SSD)

4. Peel off the **protective films** from the thermal pads.
5. Position the heatsink over the M.2 SSD and align it with the mounting holes.
6. Use the **2.5 mm hex screwdriver** to insert the larger screw and tighten it partially to allow alignment.
7. Use the **1.5 mm hex screwdriver** to insert the smaller screw into the second mounting hole. Tighten the smaller screw completely.
8. Return to the larger screw and tighten it fully to complete the installation.

Important

Do not over tighten screws, as this may damage the SSD or the system board.



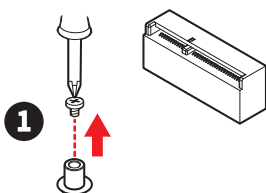
Installing Wi-Fi / Bluetooth Card (Key E, 2230)

Prerequisite

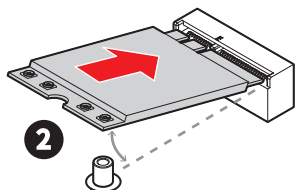
- [System side panel](#) removed.

Procedure

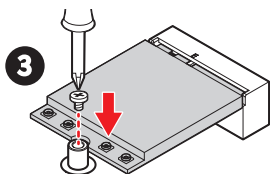
1. Remove the M.2 retention screw from the motherboard.



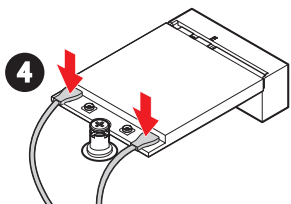
2. Insert the Wi-Fi / Bluetooth card into the M.2 slot at 15-degree angle.



3. Press the card down and secure it using the retention screw.



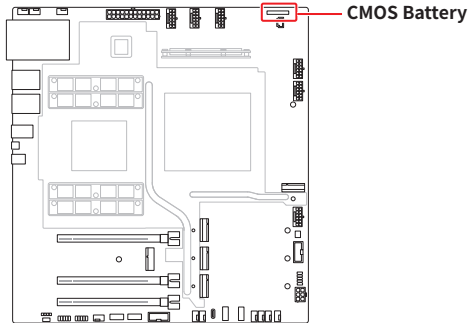
4. Connect the antenna cables to the card terminals.



RTC Battery

The RTC battery maintains the system's real-time clock and BIOS settings when the system is powered off. If the battery is depleted, time settings and system configuration data may be lost, requiring a battery replacement.

RTC Battery Location



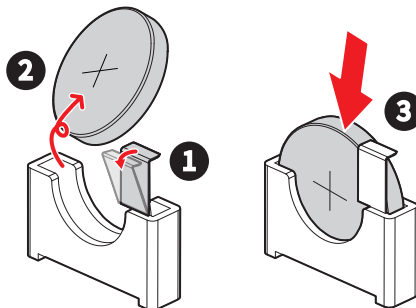
Replacing RTC battery

Prerequisite

- [System side panel](#) removed.

Procedure

1. **Release Battery:** Gently push the metal retaining clip outward; it will partially loosen from the holder.
2. **Remove Battery:** Lift it out of the socket.
3. **Install New:** Insert a new CR2032 battery. the metal retaining clip will snaps securely over the battery. Make sure it is firmly seated and lie flat in the holder.



PCIe Add-in Card (Graphics)



Important

Illustrations are for reference only. Actual GPU power connector locations vary by model; always verify the connector position on your specific hardware.

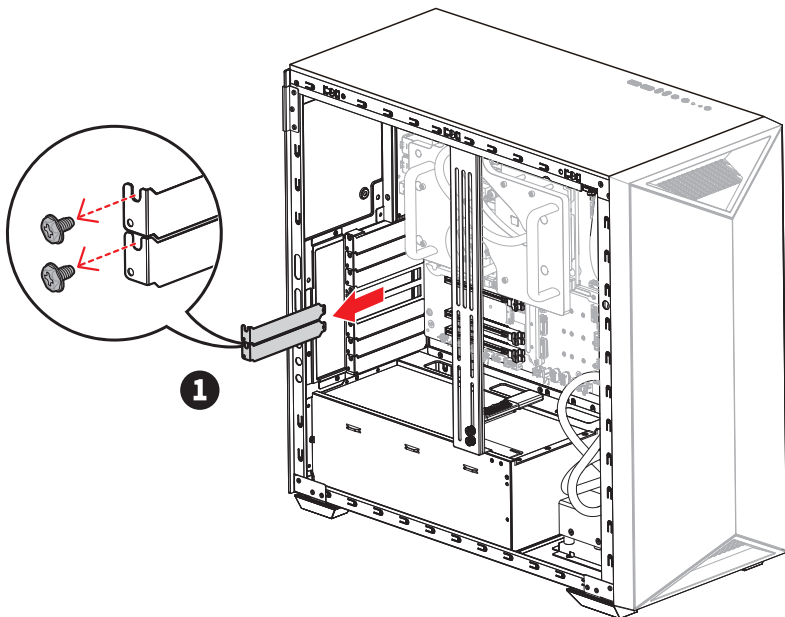
Installing PCIe Add-in Card

Prerequisite

- [System side panel](#) removed.

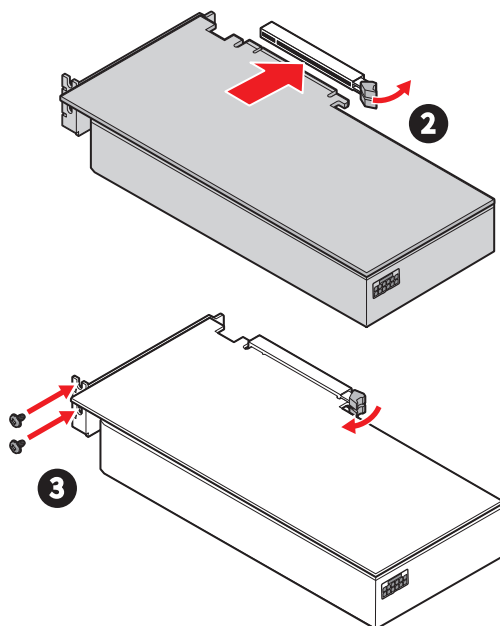
Procedure

1. **Remove Filler Panels:** Unscrew and remove the metal slot covers from the target PCIe slots. Retain the screws for later use.

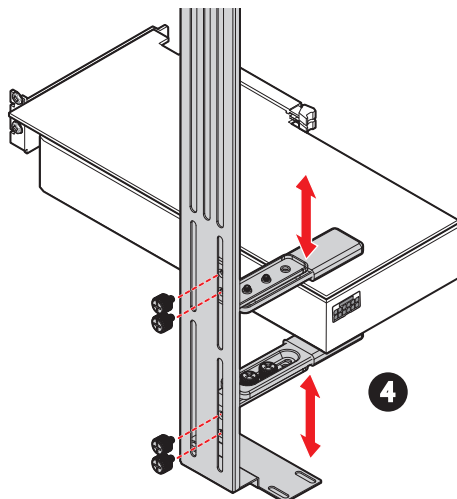


2. Insert the Card: Open the slot retention clip. Insert the card firmly into the slot until the clip clicks into place.

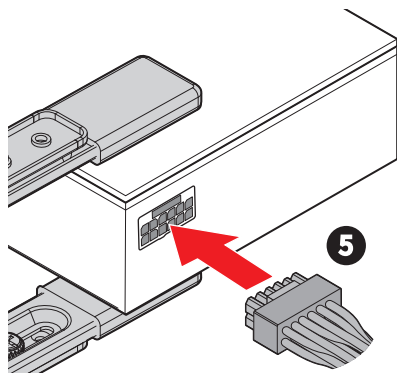
3. Secure the card: Fasten the card using the retained screws.



4. Adjust Card Holder: Loosen the bracket screws. Slide the holders until they contact the top and bottom of the card, then tighten the screws to secure it.



-
- 5. Connect Power:** Locate the power connector on the card. Plug in the GPU power cable until the connector is fully engaged.



Check Connector Location

*The connector location shown is for **reference only**. Please verify the actual location on your specific GPU model.*

Verification

- The power connectors are fully inserted.
- No visible gap between connector and socket.



Important

Improper connection may cause overheating or hardware damage.

Supported GPUs (Optional)

- NVIDIA RTX PRO 2000 Blackwell
- NVIDIA RTX PRO 4000 Blackwell SFF Edition
- NVIDIA RTX PRO 6000 Blackwell Workstation Edition
- NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition

Initial Setup

This section describes the initial system configuration process after first power-on.



Important

- After connecting power, wait **5 minutes** for BMC initialization to complete; there may be no display output or chassis LED activity during this time. Once BMC initialization is complete, **short press** the power button once to turn on the system.
- All information are subject to change without prior notice.

Operating System (OS)

The system comes with the operating system (OS) pre-installed.

- Upon first boot, the system automatically launches the setup process.
- Follow the on-screen instructions to complete OS configuration.

BMC and BIOS Configuration

For advanced system management and hardware tuning, refer to the following dedicated guides:

BMC: The BMC allows for remote system management. Please refer to the [BMC User Guide](#) for detailed network setup and initial login instructions.

BIOS: The BIOS menu allows you to adjust system parameters and hardware settings. For comprehensive details, please refer to the [BIOS User Guide](#).



If any issues occur, contact your local representative for assistance.

Support & Resources

For the latest drivers, documentation, and technical support, please refer to the resources below:

Resource	Description
MSI Support	https://eps.msi.com/tw/product/barebones/WS300T60L?view-tab=download – Access the latest drivers, manuals, and software downloads.
NVIDIA Playbooks	https://build.nvidia.com/station – Explore NVIDIA resources and development tools.
NVIDIA Development Guide	https://docs.nvidia.com/dgx/dgx-station-development-guide/ – NVIDIA development and optimization guides.



If you need assistance, please contact your local representative.

Regulatory Notices

CE Conformity

This product has been tested and found to comply with the harmonized standards for Information Technology Equipment published under Directives of Official Journal of the European Union.



FCC-A Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.



Notice 1

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notice 2

Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.

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

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

WEEE Statement

European Union: This symbol on the product indicates that this product cannot be discarded as municipal waste. Instead, it is your responsibility to dispose of your waste electrical and electronic equipment by handing it over to a designated collection point for recycling. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



Chemical Substances Information

In compliance with chemical substances regulations, such as the EU REACH Regulation (Regulation EC No. 1907/2006 of the European Parliament and the Council), MSI provides the information of chemical substances in products at:

<https://csr.msi.com/global/index>

Restrictions for Products with Radio Functionality (select products only)



CAUTION: IEEE 802.11x wireless LAN with 5.15~5.35 GHz frequency band is restricted for indoor use only in all European Union member states, EFTA (Iceland, Norway, Liechtenstein), and most other European countries (e.g., Switzerland, Turkey, Republic of Serbia). Using this WLAN application outdoors might lead to interference issues with existing radio services.



Radio frequency bands and maximum power levels

- Features: Wi-Fi 6E/ Wi-Fi 7, BT
- Frequency Range:
 - 2.4 GHz: 2400~2485MHz
 - 5 GHz: 5150~5350MHz, 5470~5725MHz, 5725~5850MHz
 - 6 GHz: 5955~6415MHz
- Max Power Level:
 - 2.4 GHz: 20dBm
 - 5 GHz: 23dBm
 - 6 GHz: 23dBm

Battery Information

Please take special precautions if this product comes with a battery.

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.
- Avoid disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, which can result in an explosion.
- Avoid leaving a battery in an extremely high temperature or extremely low air pressure environment that can result in an explosion or the leakage of flammable liquid or gas.
- Do not ingest battery. If the coin/button cell battery is swallowed, it can cause severe internal burns and can lead to death. Keep new and used batteries away from children.

European Union:



Batteries, battery packs, and accumulators should not be disposed of as unsorted household waste. Please use the public collection system to return, recycle, or treat them in compliance with the local regulations.

BSMI:



廢電池請回收

For better environmental protection, waste batteries should be collected separately for recycling or special disposal.

California, USA:



The button cell battery may contain perchlorate material and requires special handling when recycled or disposed of in California. For further information please visit:

<http://www.dtsc.ca.gov/hazardouswaste/perchlorate/>

RoHS Statement

日本JIS C 0950材質宣言

日本工業規格JIS C 0950により、2006年7月1日以降に販売される特定分野の電気および電子機器について、製造者による含有物質の表示が義務付けられます。

<https://csr.msi.com/tw/Japan-JIS-C-0950-Material-Declarations>

India RoHS

This product complies with the “India E-waste (Management and Handling) Rule 2016” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Türkiye EEE yönetmeliği

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur

Україна обмеження на наявність небезпечних речовин

Обладнання відповідає вимогам Технічного регламенту щодо обмеження використання деяких небезпечних речовин в електричному та електронному обладнанні, затвердженого постановою Кабінету Міністрів України від 10 березня 2017 р. № 139

Việt Nam RoHS

Kể từ ngày 01/12/2012, tất cả các sản phẩm do công ty MSI sản xuất tuân thủ Thông tư số 30/2011/TT-BCT quy định tạm thời về giới hạn hàm lượng cho phép của một số hóa chất độc hại có trong các sản phẩm điện, điện tử”

Bangladesh RoHS Statement

This product shipping to Bangladesh comply with RoHS requirements as prescribed in the Hazardous Waste (E-waste) Management Rules, 2021 by Government of Bangladesh.

For more information, please refer:

<https://csr.msi.com/global/bangladesh-rohs-statement>

Bangladesh E-waste Management Reminder

Please manage, dismantle, dispose of, or recycle e-waste properly as per the Environmental Protection Rules, 1997 to avoid the harm that may be caused to the environment and ecosystem, public interest and public health.

Material Declaration under India' s Plastic Waste Management Rules:

INDOMSI COMPUTERS PRIVATE LIMITED

Regn. No.: IM-06-000-06-AAHCI0478A-25

Thickness ≥ 50 microns

限用物質含有情況標示聲明書

單元	限用物質及其化學符號					
	鉛 (Pb)	汞 (Hg)	鎘 (Cd)	六價鉻 (Cr ⁺⁶)	多溴聯苯 (PBB)	多溴二苯醚 (PBDE)
電路板總成	—	○	○	○	○	○
儲存裝置	—	○	○	○	○	○
輸出/入裝置	—	○	○	○	○	○
電源供應器	—	○	○	○	○	○
金屬機構件	—	○	○	○	○	○
塑膠機構件	○	○	○	○	○	○
配件(例:電源線等)	—	○	○	○	○	○
備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。						
備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。						
備考3. “—”係指該項限用物質為排除項目。						

产品中有害物质的名称及含有信息表

部件名称	有害物质									
	Pb	Hg	Cd	Cr(VI)	PBBs	PBDEs	DBP	DIBP	BBP	DEHP
电路板组件*	×	○	○	○	○	○	○	○	○	○
处理器和散热器	×	○	○	○	○	○	○	○	○	○
内存条/硬盘	×	○	○	○	○	○	○	○	○	○
电缆/连接器	×	○	○	○	○	○	○	○	○	○
输出输入设备	×	○	○	○	○	○	○	○	○	○
电源供应器/适配器	×	○	○	○	○	○	○	○	○	○
线材	×	○	○	○	○	○	○	○	○	○
注1：○：表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。 ×：表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。										
注2：以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。										
注3：上述表格标注“×”之部件，皆符合达标管理目录限用物质应用例外清单之限值要求。										
* 电路板组件：包括印刷电路板及其构成的零部件。										

Environmental Policy

- The product has been designed to enable proper reuse of parts and recycling and should not be thrown away at its end of life.
- Users should contact the local authorized point of collection for recycling and disposing of their end-of-life products.
- Visit the MSI website <https://csr.msi.com/global/pevn_ewaste> and locate a nearby distributor for further recycling information.
- Please visit <<https://us.msi.com/page/recycling>> for information regarding the recycling of your product in the US.

Warranty

For any further information about the product users purchased, please contact the local dealer. Do not attempt to upgrade or replace any non-serviceable component of the product.

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Technical Support

If a problem arises with your product and no solution can be obtained from the user's manual, please contact your place of purchase or local distributor. Alternatively, please visit <https://eps.msi.com/support> for further guidance.



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