

**MINISFORUM**

**New Gen Ultra-small Gaming PC Series**

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# Disclaimer and Safety Instructions

## • Disclaimer

1. Thank you for purchasing G1/G1 product.
2. The contents mentioned in this disclaimer are related to your safety, legal rights and responsibilities. Please pay attention to any warnings, cautions and attention signs on the manual and product labels, and install according to the manual in the manual.
3. The product is relatively complex, so users need to have basic hands-on installation skills and safety knowledge. Please exercise caution during the installation process.
4. Before using this product, please read the manual carefully to ensure that the product can be set up correctly. Failure to follow the warnings, cautions, and attention signs specified in the manual may damage the product or data, and may result in personal or property injury or loss.
5. Once you use this product, you are deemed to have carefully read the contents and requirements of the disclaimer, warnings, cautions, and attention signs, and to have understood and accepted all such content. You agree to take full responsibility for any consequences arising from the use of this product, and commit to using it solely for legitimate purposes, as well as agreeing to this disclaimer and any policies or instructions formulated by MINISFORUM.
6. In addition to the warranty terms, MINISFORUM is not legally responsible for damage or injury caused directly or indirectly by using this product, especially those caused by failure to operate in accordance with safety instructions. Users should follow the manual mentioned in this disclaimer and manual.
7. The final interpretation right of this disclaimer belongs to MINISFORUM.

## • Tips for Use

1. Dust, moisture and drastic temperature changes will affect the product's service life, so please try to avoid placing the product in such environments.
2. The suitable temperature for this product is 0°C ~ 35°C.
3. When using this product, please ensure there is sufficient heat dissipation space around it. Avoid placing small items such as paper scraps, screws, and wires near the product's adapter, slots, or ports, as this may cause short circuits or poor contact. Do not insert any objects into the product's internal components to prevent device short circuits or circuit damage.
4. This device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
5. When you use the power extension cords, the total current of all connected products should be within the rated current of cables, ensuring stable operation.

## • Precautions

- ▲ The product has a built-in power supply, and there is a power switch on the rear I/O panel. The circle "O" represents power OFF, and the straight line "I" represents power ON. To ensure electrical safety, turn the power off by pressing "O" when the product is not in use for a long time.
- ▲ The machine must be placed upright only, due to its slim tower design. Always place it in a safe area to prevent collisions that may cause the machine to fall and damage the hardware.

## • Maintenance Guideline

1. Do not step on the power cord or put anything on your Mini PC.
2. Do not spill water or any other liquid over this product.
3. There's still some current passing through even when the system is off. To avoid severe damage caused by possible electric shock, please plug out all power cables from sockets temporarily before cleaning or moving this product.
4. If you encounter the technical problems with the product, please unplug the power cord and contact our technical support team or authorized retailers.

## • FAQ

1. The product comes with a desktop high-performance graphics card, which is more powerful than the laptop graphics card of the same model and is better suited for AAA gaming and graphic creation needs.
2. The product supports mixed display mode output. The display interfaces are divided into motherboard area (HDMI®, CPU integrated graphics) and graphics card area (multiple DP and HDMI® ports). If you need to adjust the resolution and refresh rate to higher settings, connect the display signal cable to the graphics card video ports.
3. G1 features the RTX5050 low-profile GPU, and G1 Pro features the RTX5060 low-profile GPU. These are the only supported models.

**G1: GIGABYTE GV-N5050OC-8GL**

**G1 Pro: GIGABYTE GV-N5060OC-8GL**

**Important!** Only the above two GPUs are supported. Due to the custom-designed structure, cooling, and power supply, do not replace them with other GPU models.

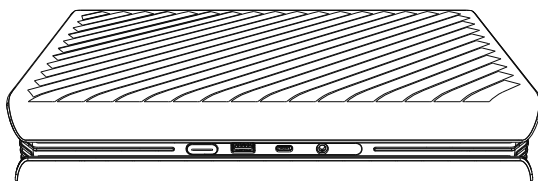
4. The BIOS provides PCIe version adjustment options. It is set to PCIe 4.0 by default for optimal stability due to GPU and CPU compatibility. Since no significant performance difference was observed between PCIe 5.0 and 4.0, it is strongly recommended to keep the default setting to avoid potential issues.
5. It supports exclusive control center apps for customizing lighting, performance modes, and more.

Note: --- This information contains additional instructions for this item.

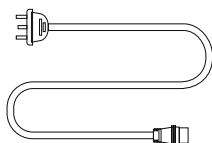
Important! --- This information contains instructions that must be followed.

Warning! --- This information contains details related to ensuring the safety of users and the product.

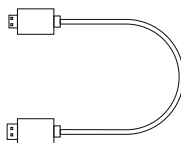
## Package Contents



MINI PC



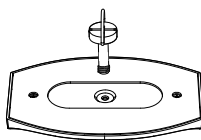
Power Cord \*/



HDMI® Cable \*/



SSD Heatsink \*/



Base component \*/



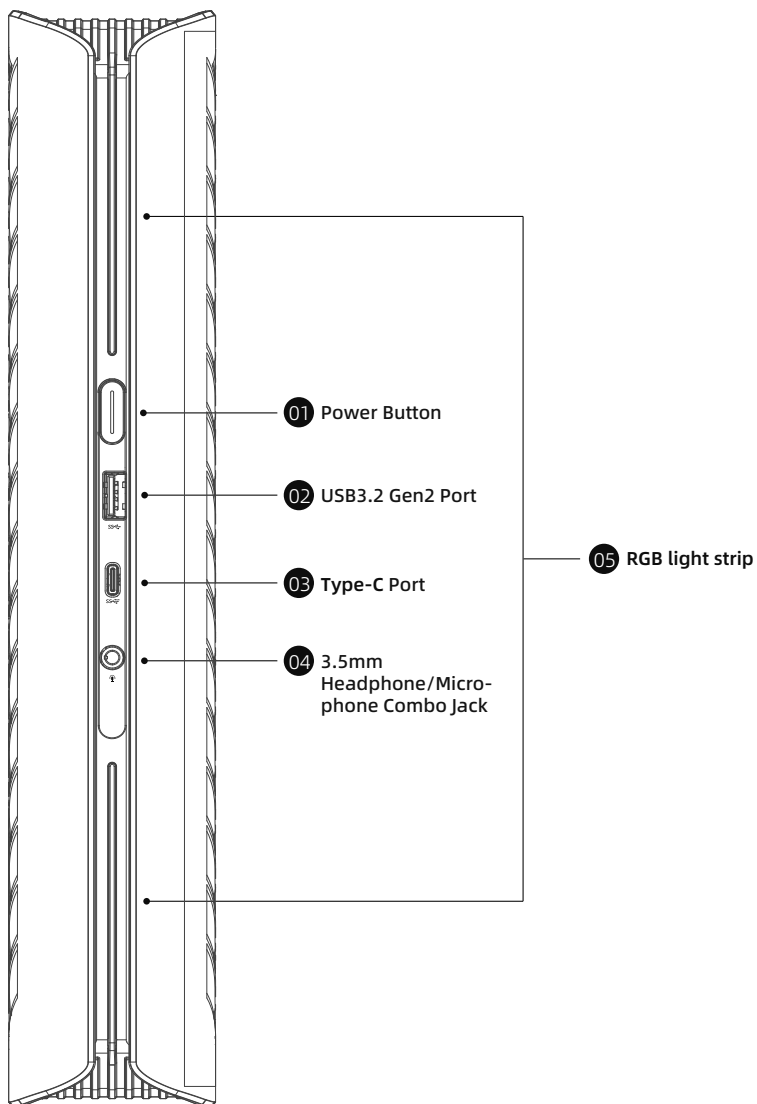
User Manual \*/

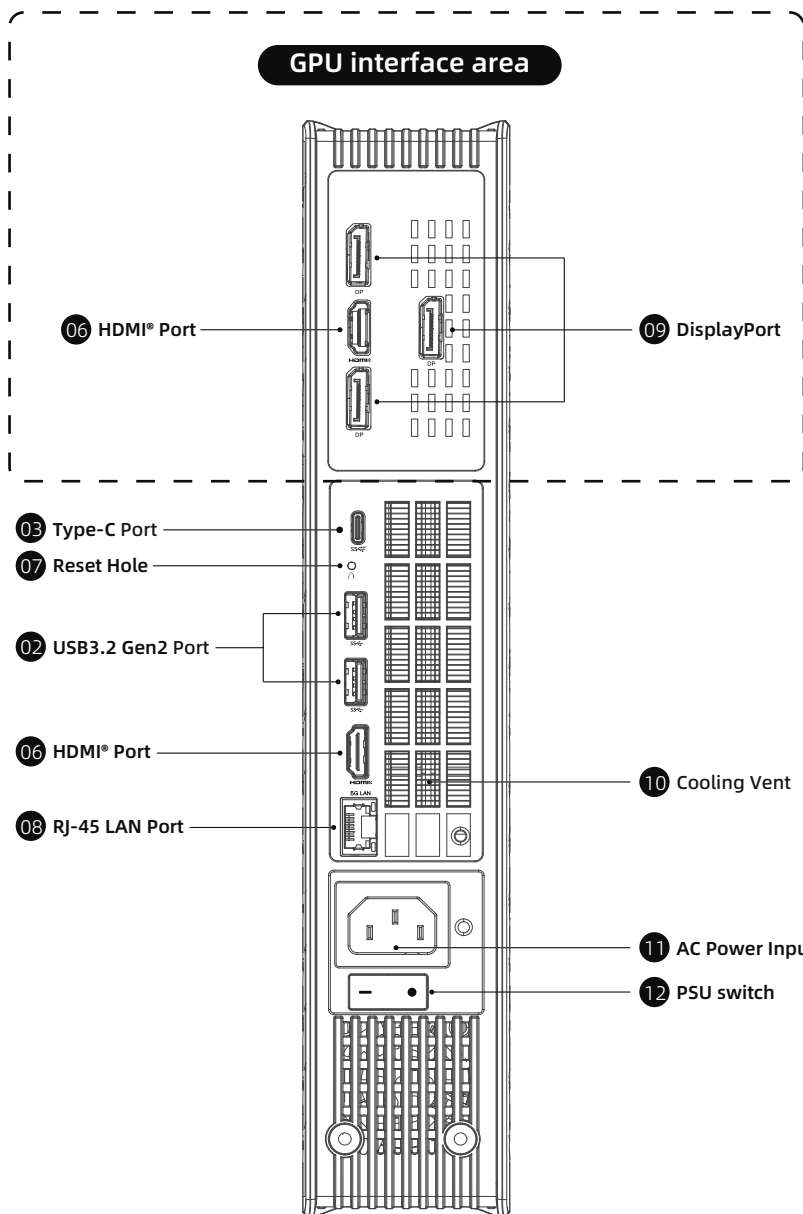
### NOTE:

\* The power adapter and other accessories included in the box will vary depending on the model parameter or area purchased.



### 3 Getting to Know Your Mini PC





# Interface Introduction

## 01 Power Button

The Power button allows you to turn the Mini PC on/off. When the Mini PC is powered on, press this button to enter sleep mode, or press and hold it for 10 seconds to force shut down the Mini PC.

## 02 USB3.2 Gen2 Port

The USB3.2 Gen2 (Universal Serial Bus) port provides a transfer rate of up to 10 Gbps. It can connect devices such as keyboards, pointing devices, cameras, hard disks, printers, and scanners.

## 03 Type-C Port

This port supports a maximum data transfer speed of USB3.2 Gen2 10 Gbps.

## 04 3.5mm Headphone/Microphone Combo Jack

This connector is used to connect audio output signals to a power amplifier or headphones. You can also use it to connect an external microphone or output signals from an audio device.

## 05 RGB light strip

This area contains the RGB light strip, which can be controlled via the control center software for various lighting effects or turned off.

## 06 HDMI® Port

The HDMI® port (High-Definition Multimedia interface) is uncompressed, fully digital audio/video interface that provides a common data connection channel for compatible devices. It can be used to connect external display devices and televisions.

## 07 Reset Hole

Please remove the power, press and hold the reset hole for ten seconds, the BIOS will restore to the factory defaults.

**Important!** If you encounter some problems during use, you can first try to solve it by pressing the reset hole.

## 08 RJ-45 LAN Port

This RJ45 network port supports standard Ethernet cables and can connect to local area networks (LANs), with a transfer rate of 5 Gbps.

## 09 DisplayPort

This DisplayPort supports display output, add support for HD audio signal transmission while transmitting video signals, which provides a common data connection channel for compatible devices (such as set-top boxes, integrated amplifiers, digital audio or televisions).

## 10 Cooling Vent

The cooling vents allow your Mini PC chassis to expel hot air out.

**Important!** For optimum heat dissipation and air ventilation, ensure that the cooling vents are free from obstructions (such as paper, books, clothes, transmission lines).

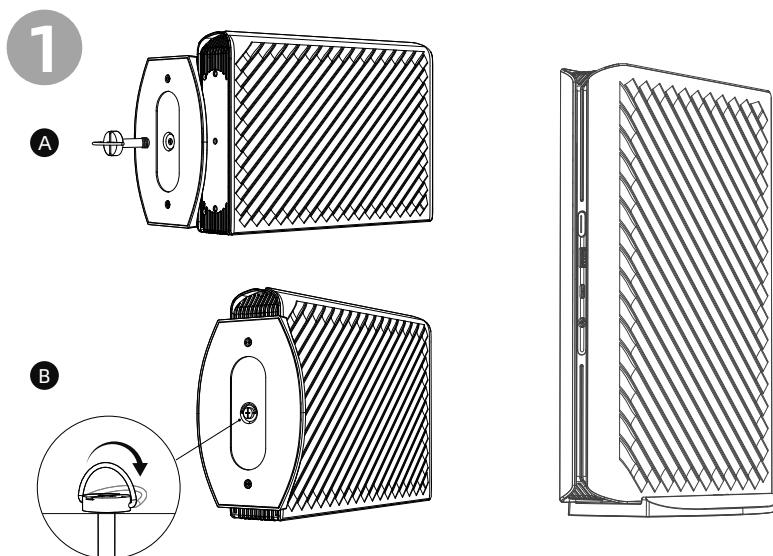
## 11 AC Power Input

Connect the power cord to a power source. The built-in high conversion rate power supply can convert AC power to DC power, providing power to your Mini PC.

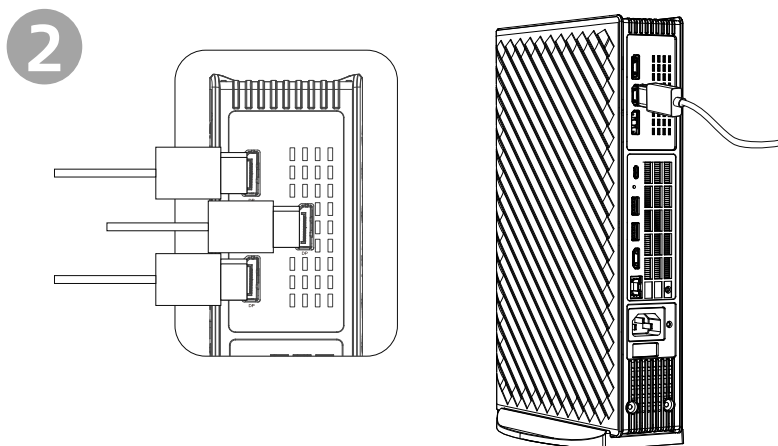
**Warning!** To prevent damage to your Mini PC, please do not block the power's cooling vents.

## 12 PSU switch

It is the switch for the built-in PSU power supply, with "O" for off and "I" for on.

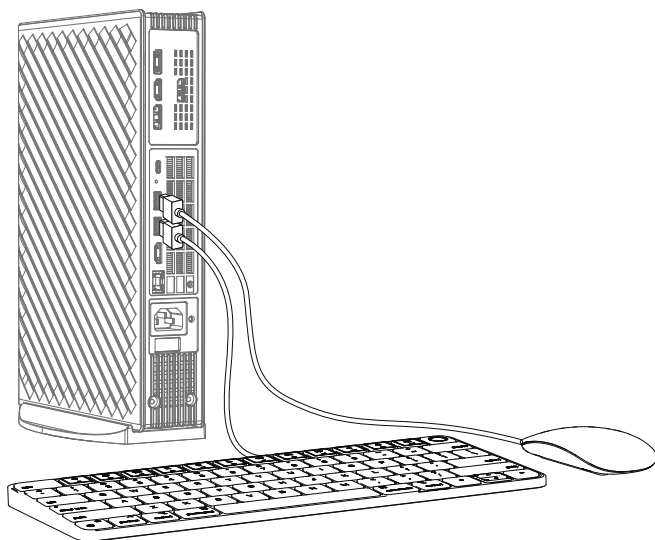


Remove the base from the accessories and screw the main unit onto the base by hand.



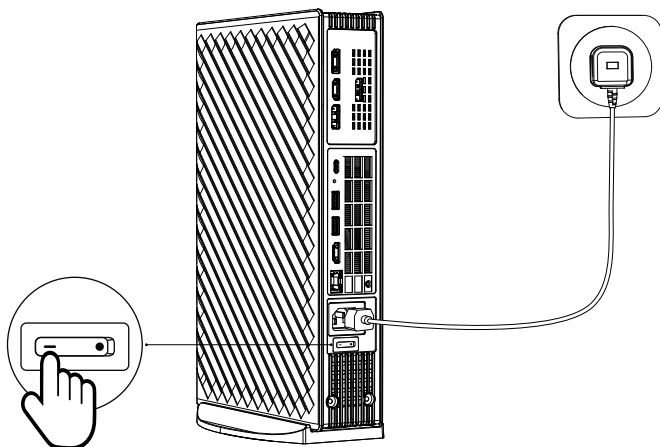
Connect the monitor to the Mini PC's GPU DP/HDMI® port. (Do not use the motherboard HDMI® port.)

3



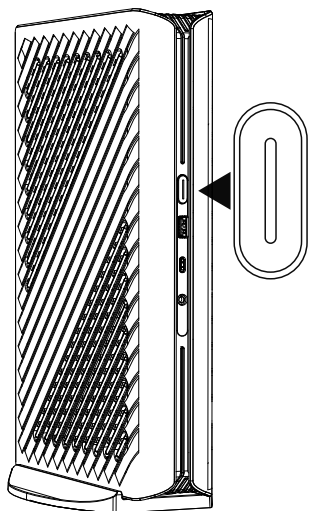
Connect the keyboard and mouse.

4



Connect the provided power cord to your Mini PC.  
Make sure that the AC power switch is in the "I" on position.

5



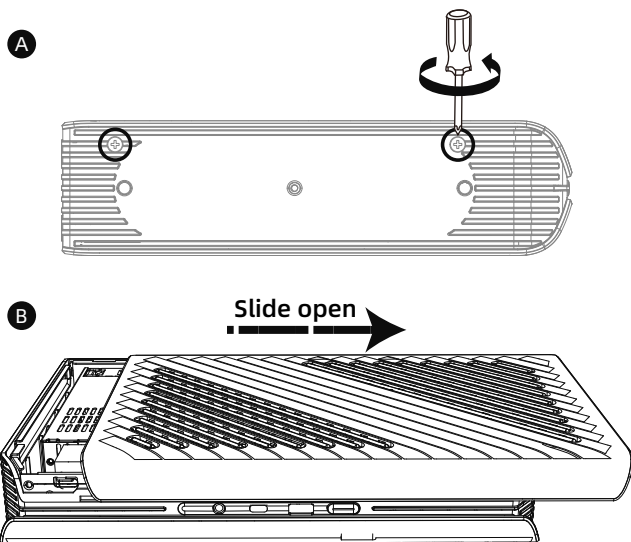
Turn on the power and start the Mini PC.

If the Mini PC is frozen or slow to respond, press and hold the power button at least for 10 seconds to force it shutdown.

To put your Mini PC into sleep mode, press the power button once.

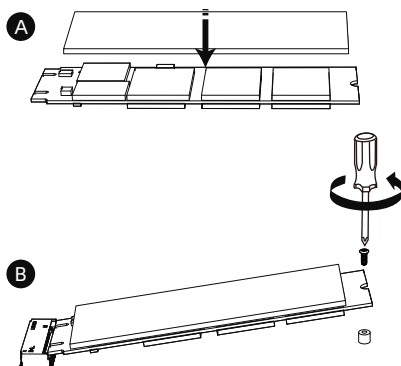
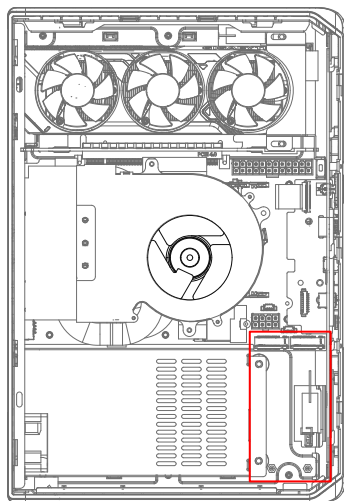
## Installation Guide

- 1 Use a tool to unscrew the 2 screws on the bottom of the left panel and slide it in the indicated direction.



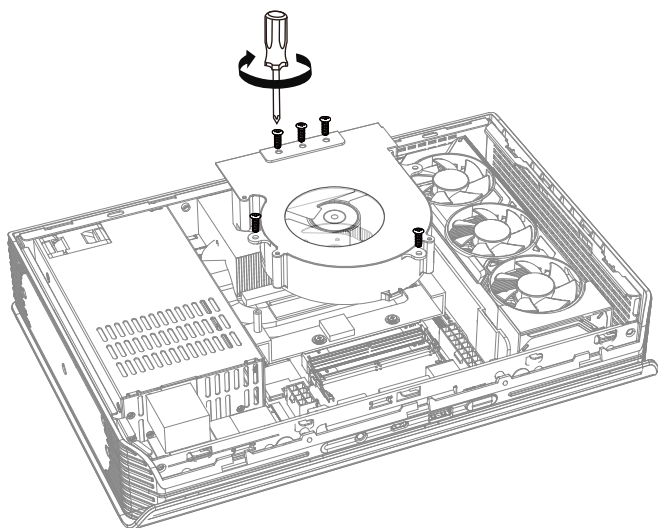
## DIY SSD

- 2 Attach the heatsink to the SSD card. Align the SSD card with the notch in the card slot and insert it at an angle, then secure it with screws.

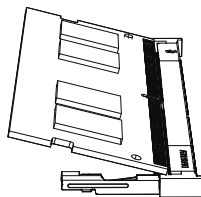
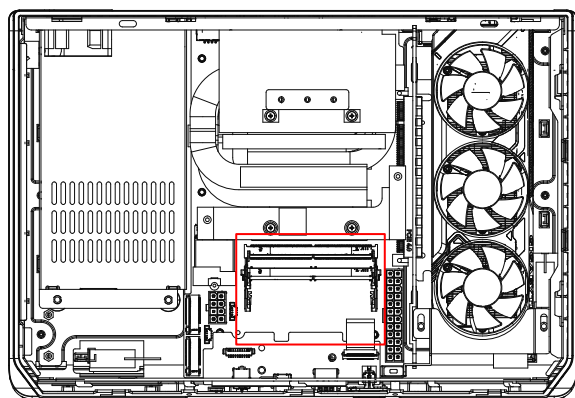


## DIY DDR

- 3 Use a tool to unscrew the 5 screws on the fan assembly and remove it.



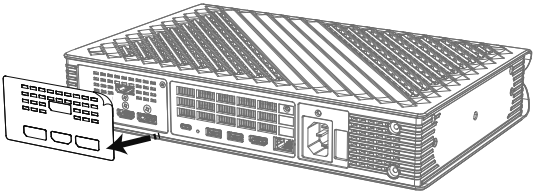
- 4 Install the memory module into the SODIMM slot by inserting it slantly into the buckles on both sides and fix it.



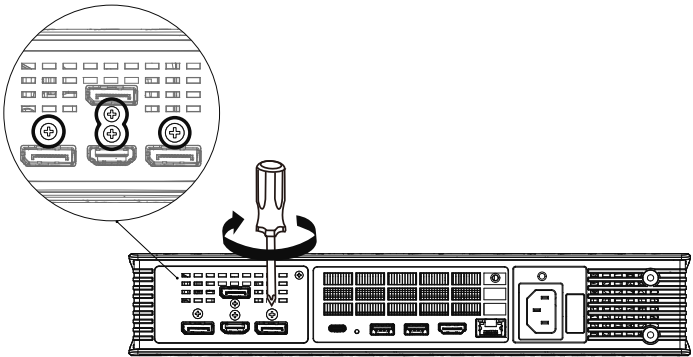


**Important!** Only the two listed GPUs are supported for replacement. Other low-profile PCIe GPUs are not compatible.

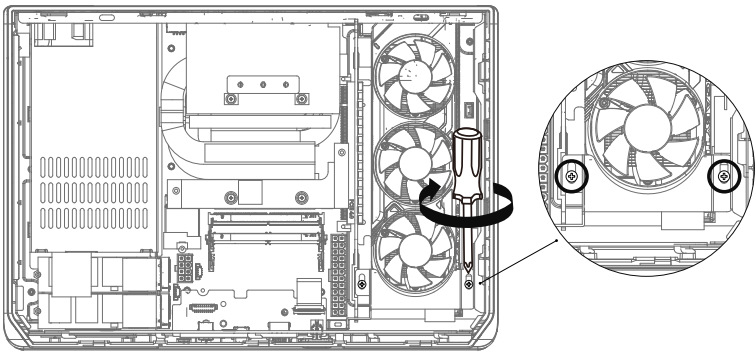
- 5 Peel off the Mylar sheet from the GPU interface area.



- 6 Use a tool to unscrew the 4 screws in the GPU interface area.

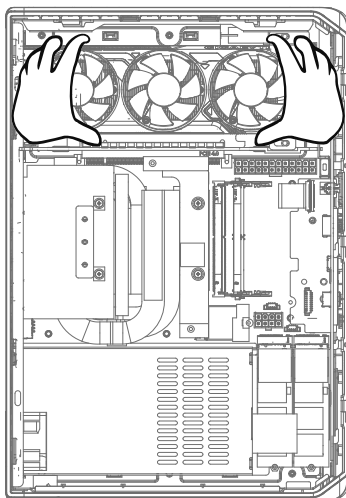


- 7 Use a tool to unscrew the 2 screws securing the GPU bracket and remove the GPU bracket.

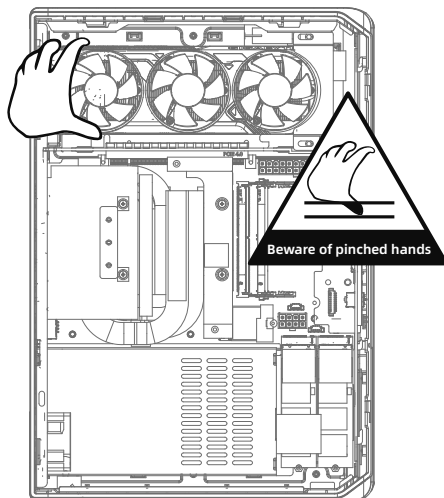


**Warning!** Follow the correct method for GPU removal as shown to avoid hand injury.

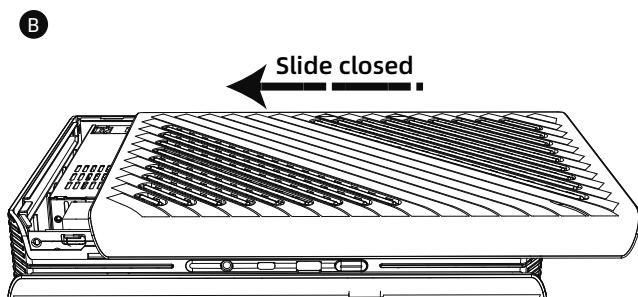
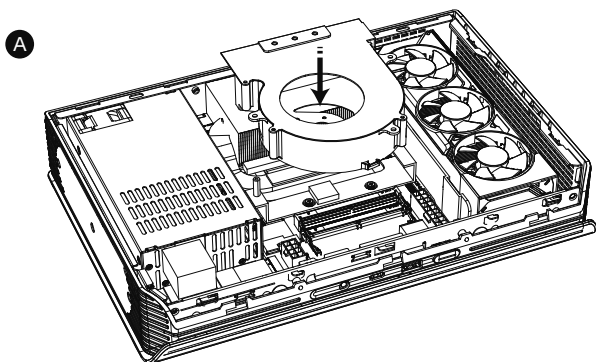
Disassembly ↑



Installation ↓



- 8 After installation, securely tighten the fan assembly, slide the left panel back, and use a tool to fasten the 2 screws at the bottom of the left panel.



# Exclusive control center software

Performance Mode Switch: One-click switch between office/game/beast modes to instantly increase performance and power.

System status monitoring: Read system configuration and monitor real-time status.



RGB lighting control: Supports various RGB lighting effects, with customization options for brightness, speed, and color, and also allows the lighting to be turned off.



## **联系信息**

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## **Contact information**

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