



MPG Series

PC Case

MPG VELOX 300R AIRFLOW PZ

MPG VELOX 300R AIRFLOW PZ WHITE

User Guide

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Specifications

Basic Information

Case Type	Mid Tower
Dimensions (DxWxH)	485 x 235 x 518mm
Supported Motherboard Sizes	EATX*, ATX**, Micro-ATX, Mini-ITX * Conditionally supports EATX (up to 305 × 278mm). Installed cables may obstruct the right-side fan, disable the included GPU bracket, and limit the side mount to fans only (no 360mm AIO). ** Supports ATX back-connect motherboards
Expansion Slots	7 slots

Cooling Fan Support

Top	3 x 120mm or 3 x 140mm
Front	3 x 120mm or 3 x 140mm or 2 x 160mm Pre-installed 2 x 160mm ARGB fans
Rear	1 x 120mm Pre-installed 1 x 120mm fan
Side	3 x 120mm
Bottom	2 x 120mm (on the PSU shroud) 1 x 120mm (on the bottom panel)

Drive Bays

2.5" SSD	5
3.5" HDD	2

I/O Ports and Buttons

USB Ports	2 x USB 5Gbps Type-A 1 x USB 20Gbps Type-C
Audio Ports	1 x Audio/Microphone combo jack (4-pole)
Buttons	1 x Power button 1 x LED switch button

Chassis Clearances

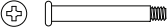
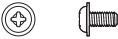
Maximum CPU Cooler Height	165 mm
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Maximum GPU Length	400 mm (with factory-installed fans)
Top Radiator Support	120 / 140 / 240 / 280 / 360 mm
Rear Radiator Support	120 mm
Side Radiator Support	120 / 240 / 360 mm
Front Radiator Support	120 / 140 / 240 / 280 / 360 mm
PSU Support	200 mm
Cable Routing Space (Behind Motherboard)	35mm

Materials

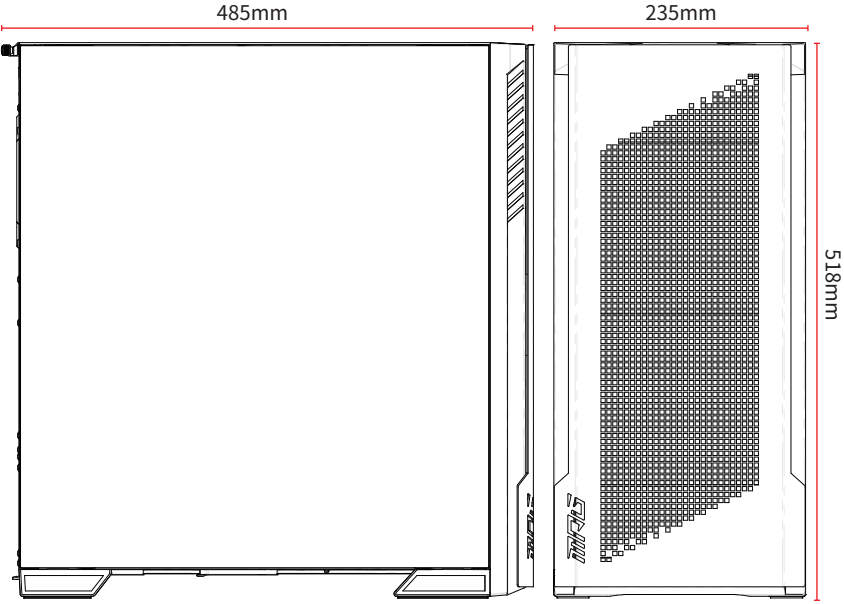
Metal Specification	SPCC 0.8 mm
Left Side Panel	4mm tempered glass
Dust Filter	Front: Magnet Top: Magnet Right: Magnet Bottom: Removal
GPU holder	Steel

Accessories

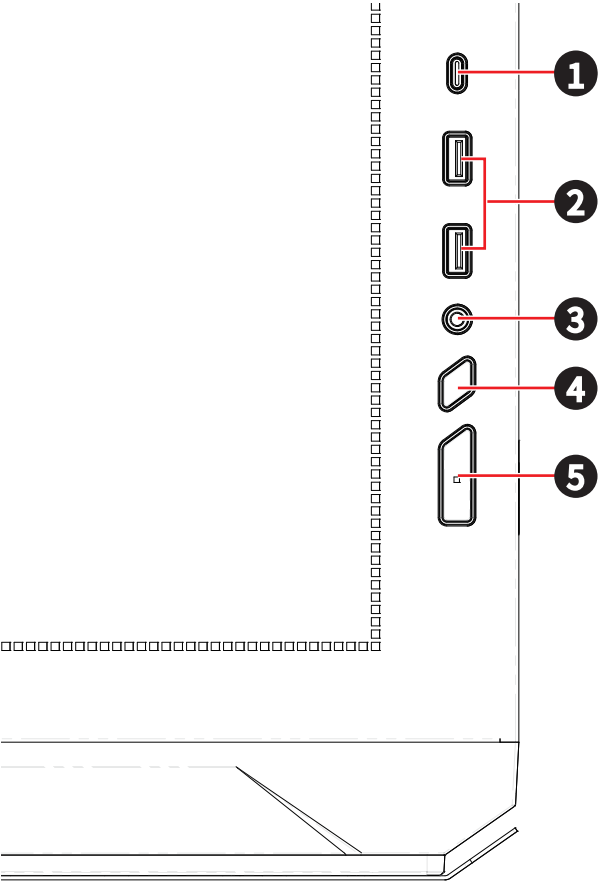
Item	Name / Q' ty	Used for
	Screw #6-32 5mm x4	Securing PSU / PCIe Card
	Screw #6-32 28mm x12	Securing fans on the PSU shroud
	Screw M3 5mm x21	Motherboard / SSD
	Screw #6-32 8mm x4	3.5" HDD
	Screw M3 8mm x8	2.5" SSD
	Stand-off Mounting Tool x 1	Securing stand-off
	Stand-off M3 6.5mm x2	Motherboard Stud
	Spare U Clip T10.3 x4	Backup supplies
	Spare U Clip T1.0 x2	Backup supplies
	Spare U Clip T1.5 x2	Backup supplies
	Hook-and-loop fastener x2	Cable management
	Cable ties x6	Cable management

[illegible]

Side and Front View

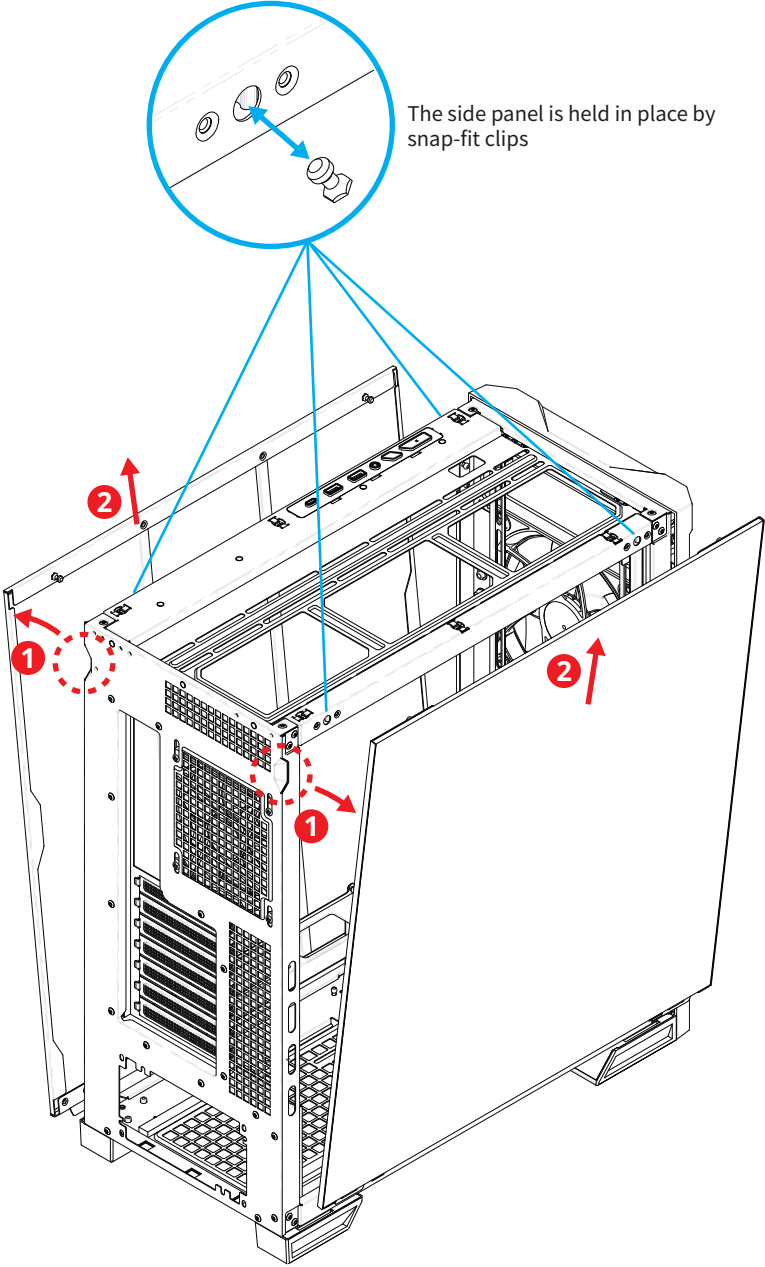


I/O and Buttons

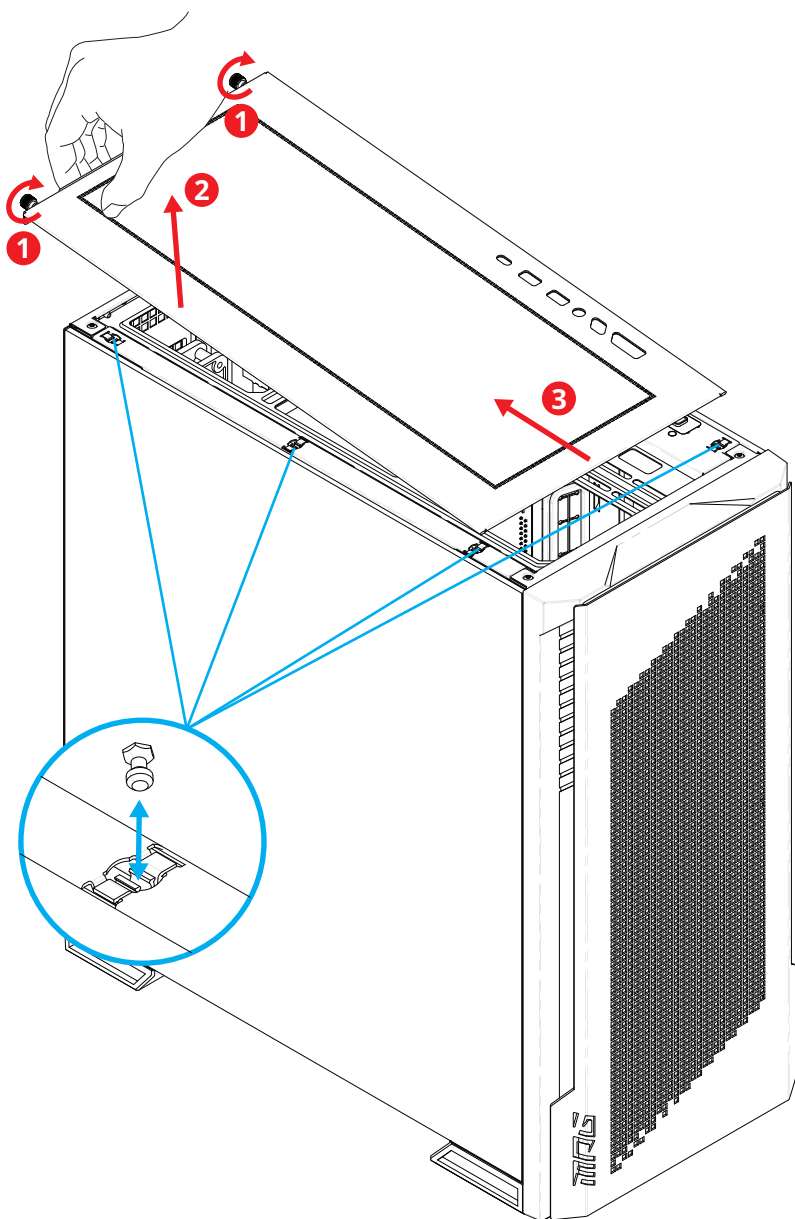


Item	Description
1	USB 20Gbps Type-C
2	USB 5Gbps Type-A
3	Audio/Microphone combo jack
4	LED switch button
5	Power button

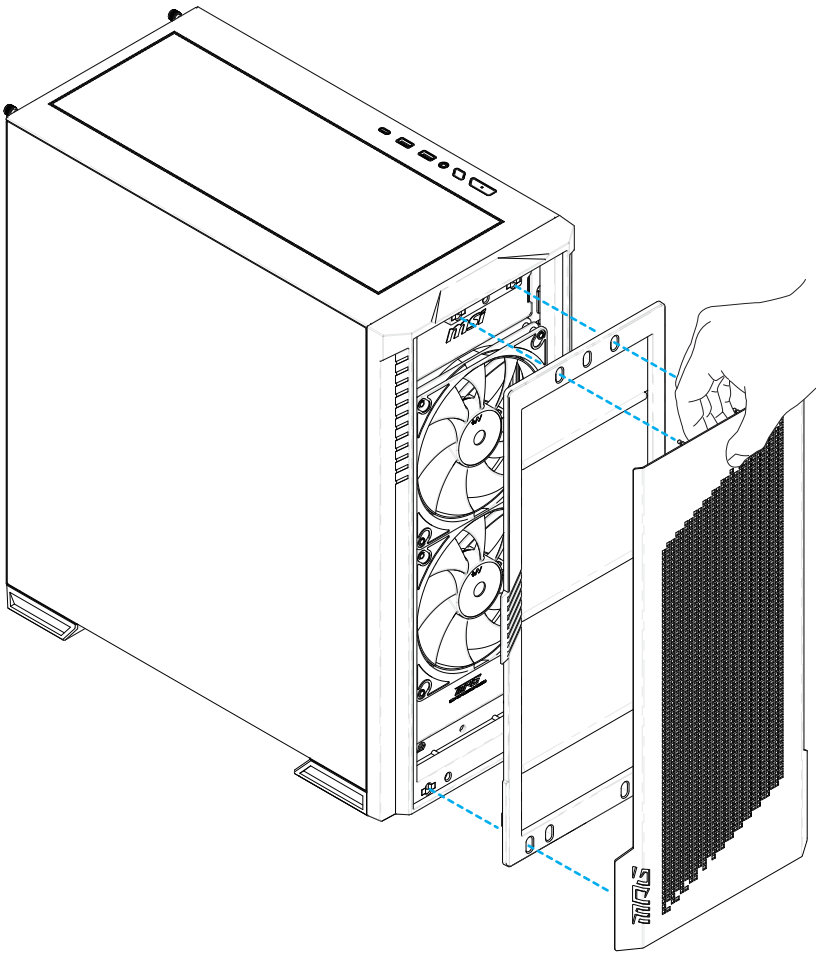
Side Panel Removal



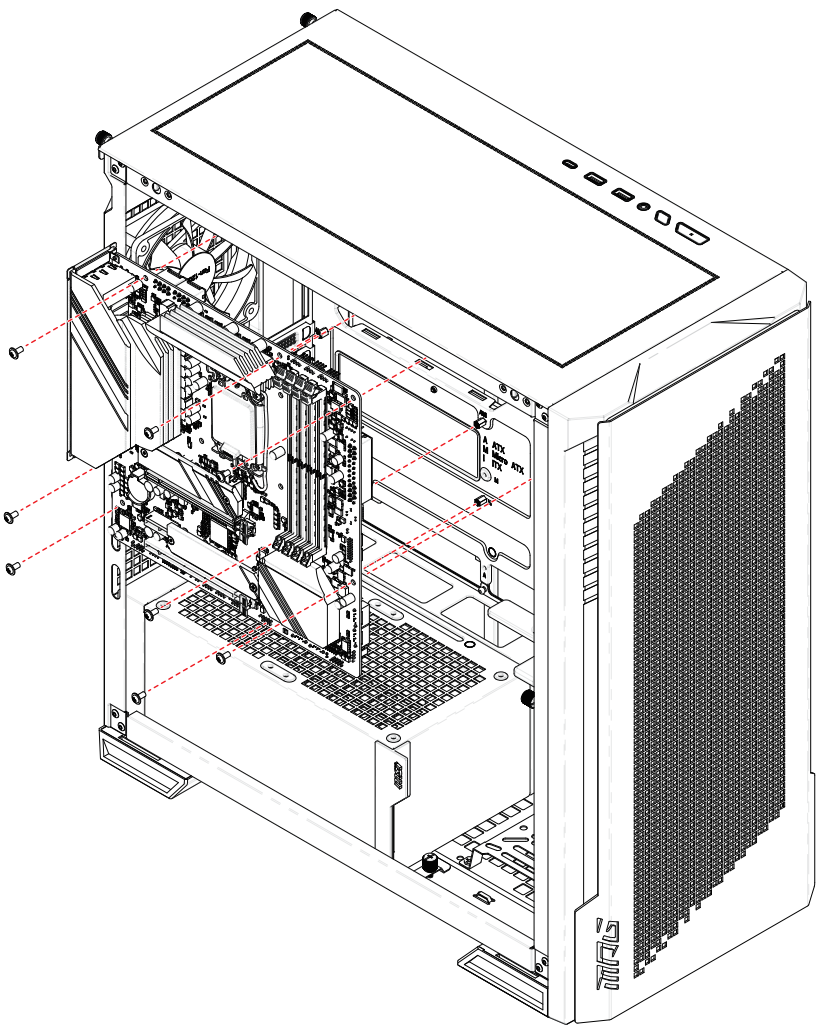
Top Panel Removal



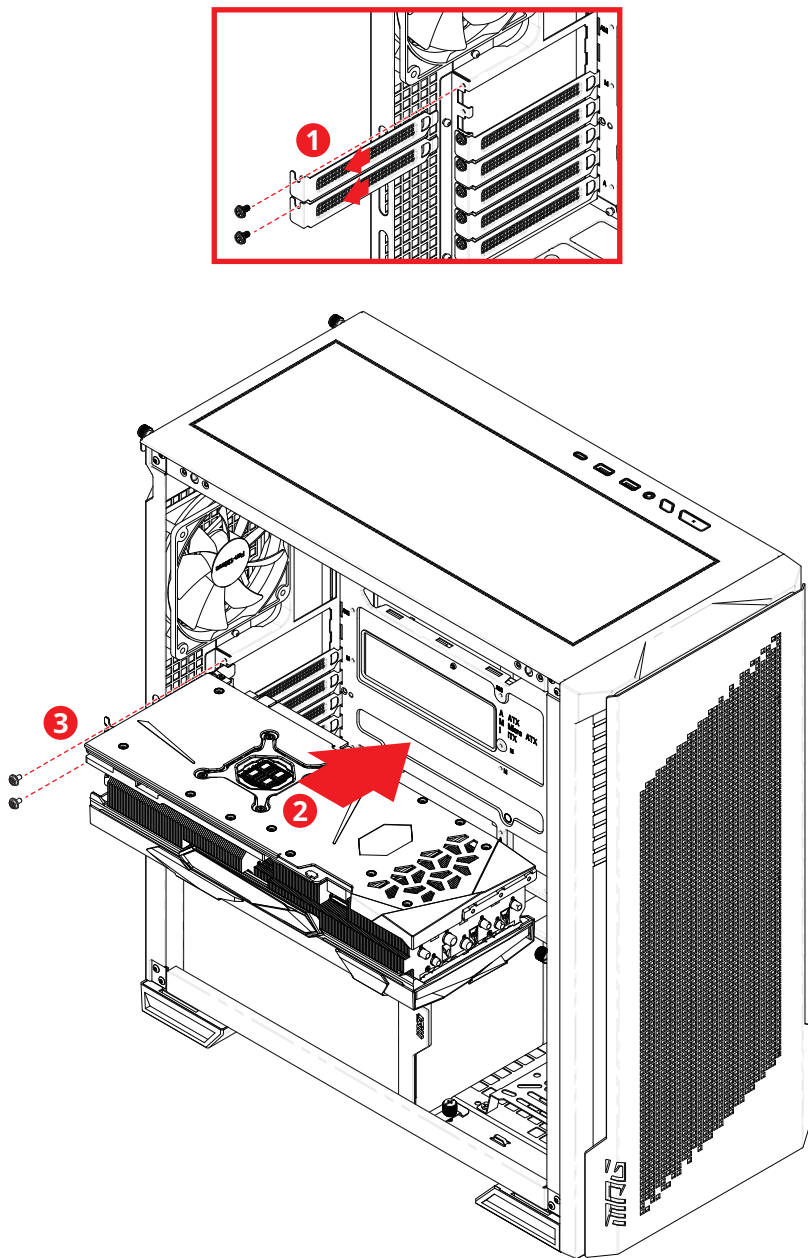
Front Bezel Removal



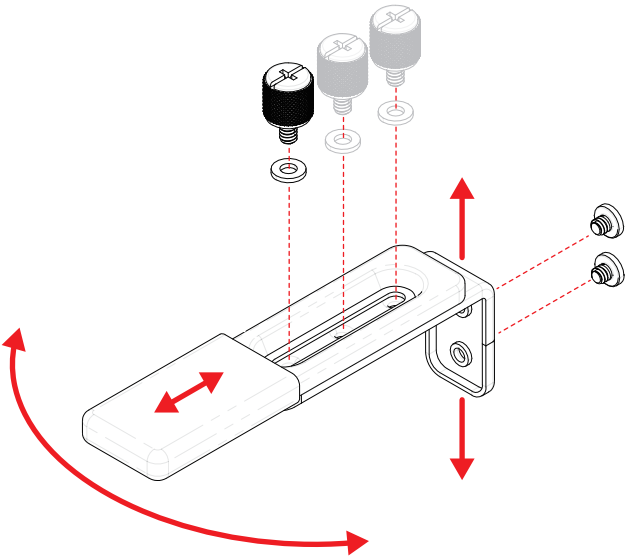
Motherboard Installation



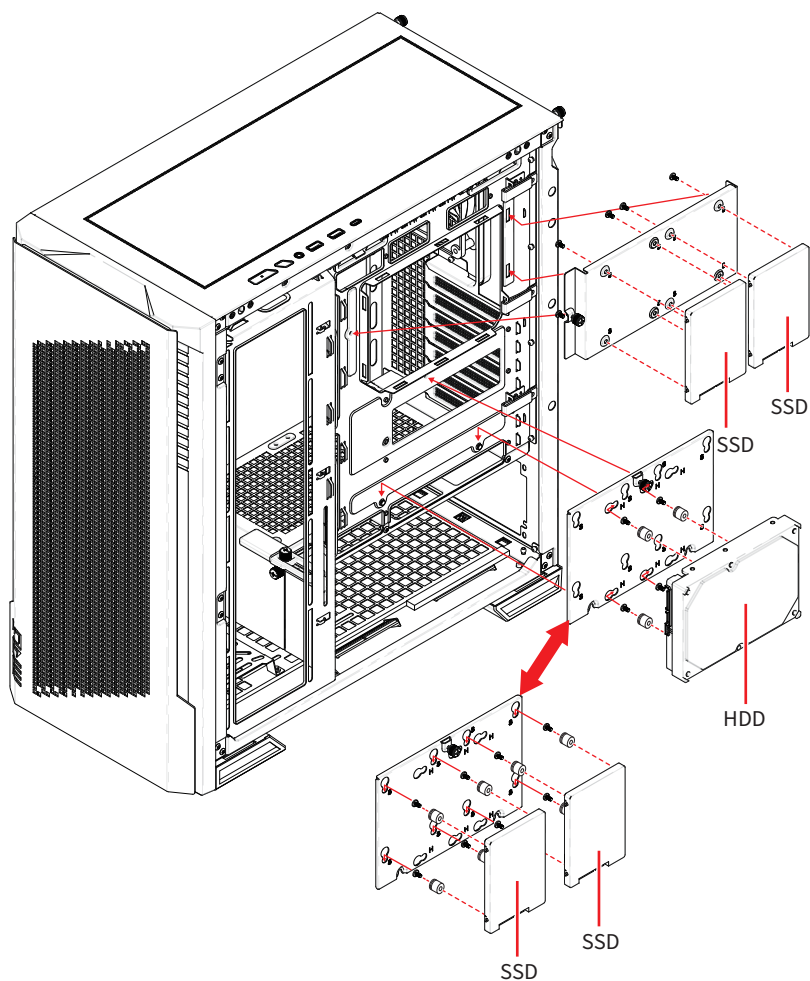
Graphics Card Installation



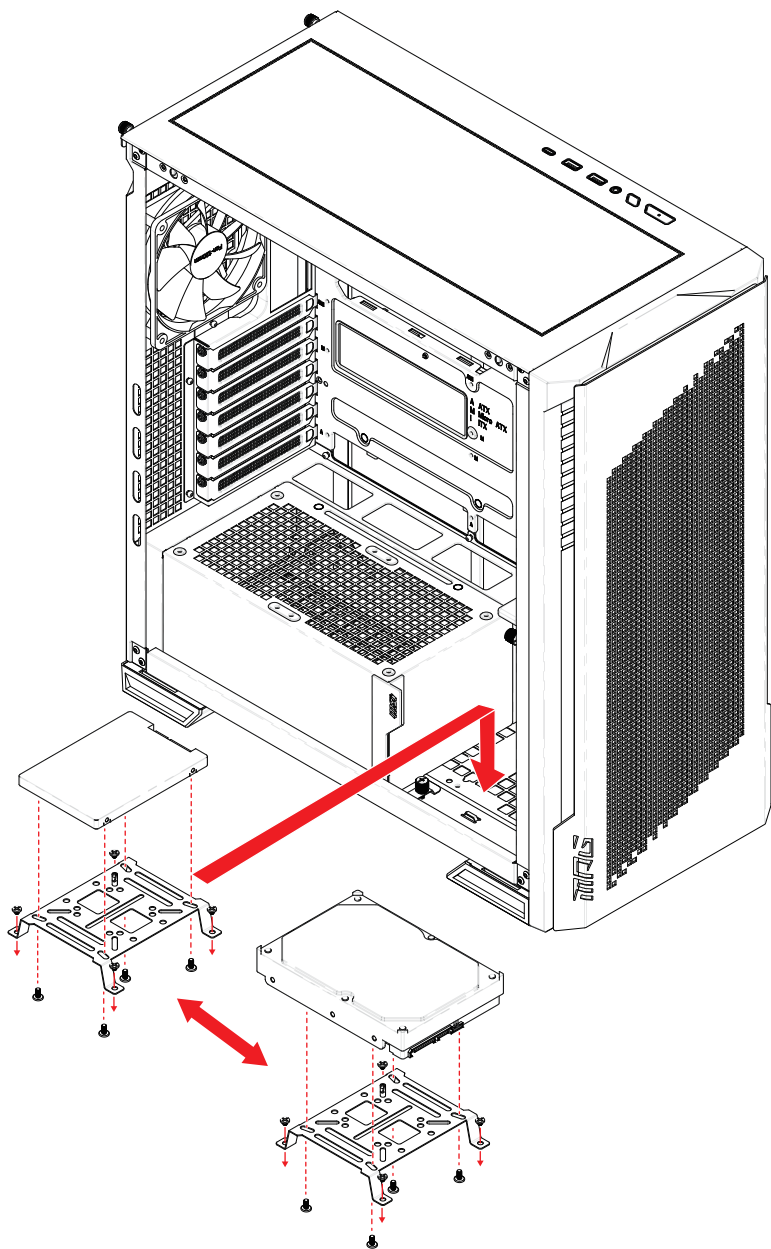
GPU Holder Adjustment



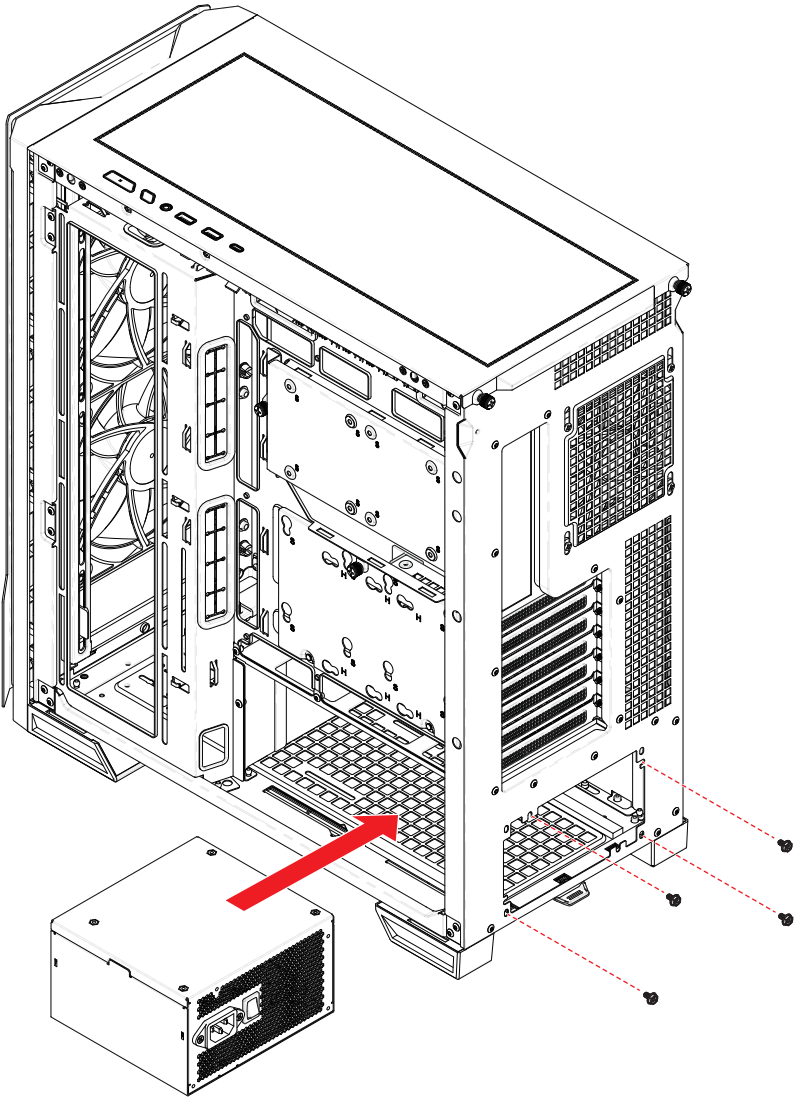
HDD & SSD Installation (Right Side)



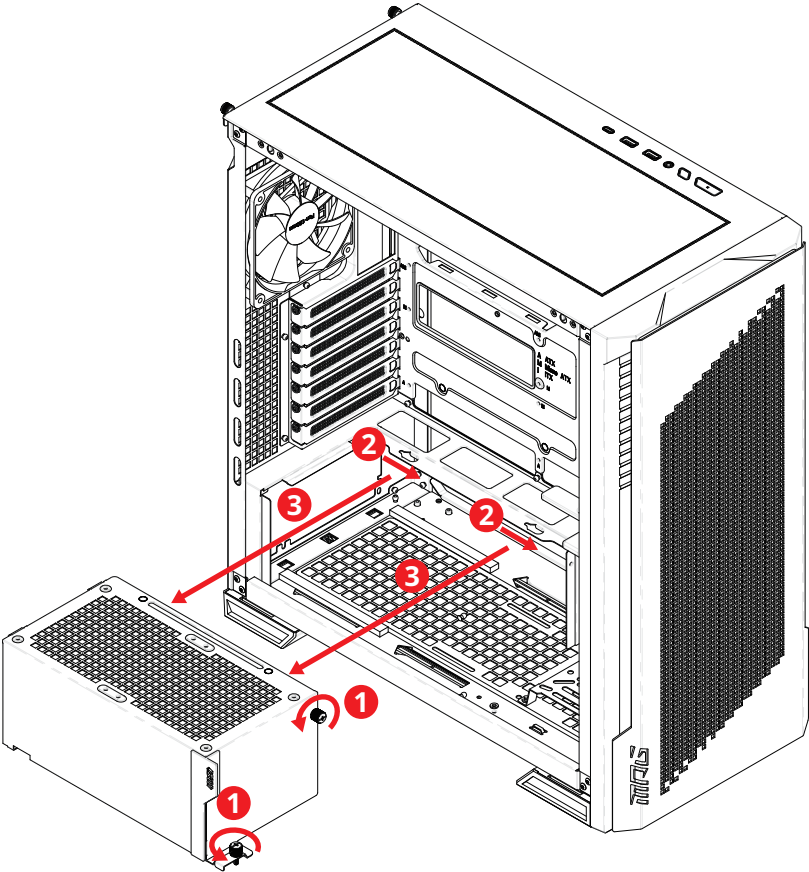
HDD & SSD Installation (Left Side)



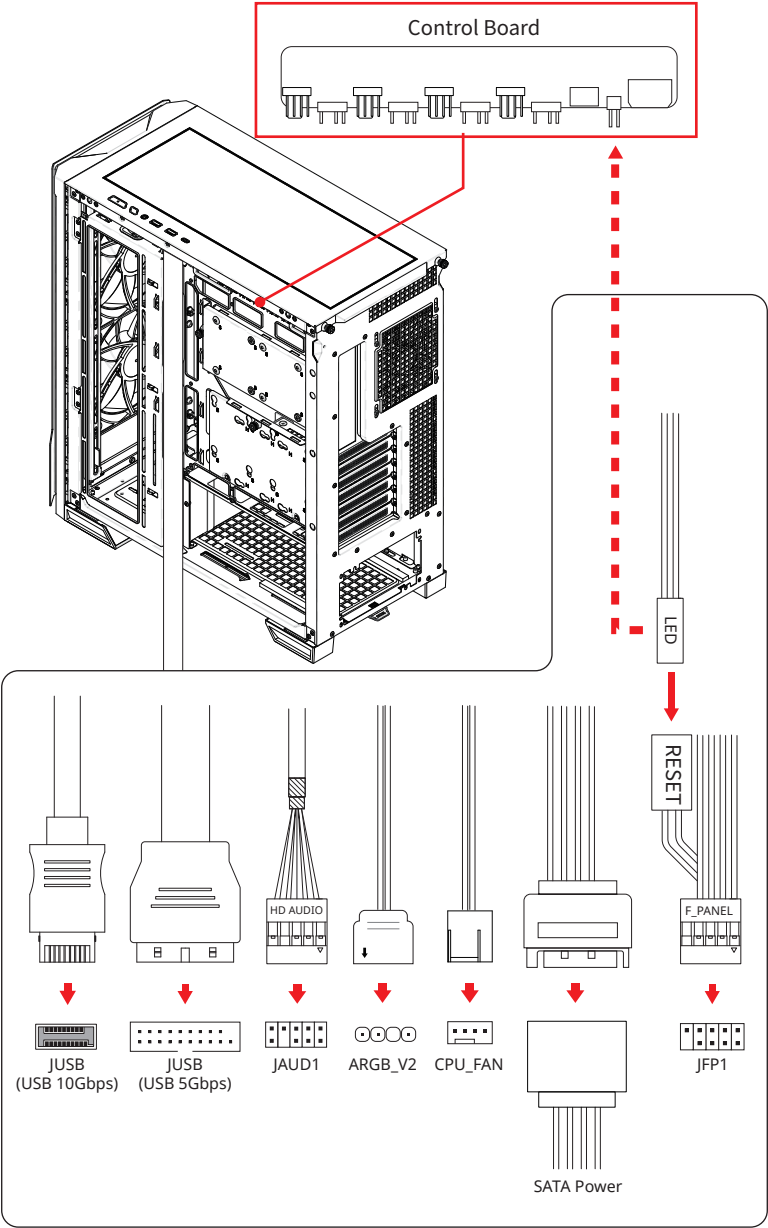
PSU Installation



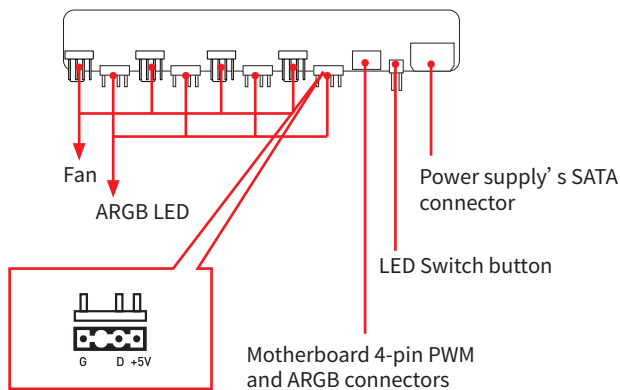
PSU Shroud Removal



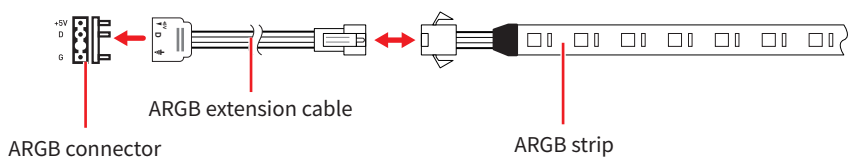
Panel I/O Connection



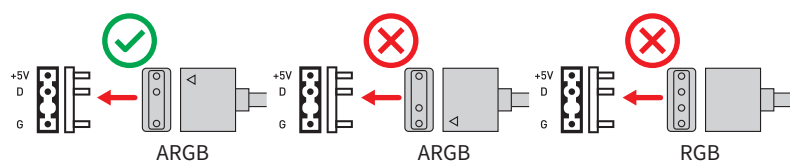
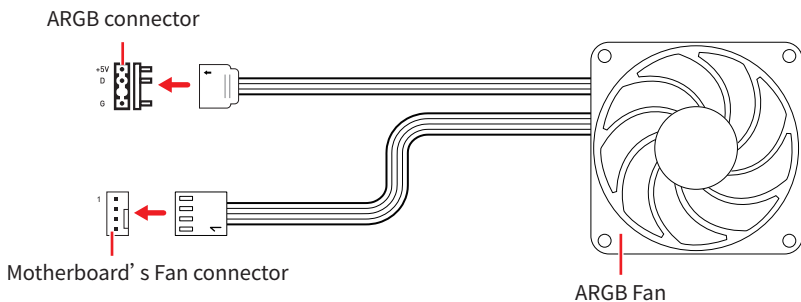
Control Board Connection



Addressable RGB LED Strip Connection



Addressable RGB LED Fan Connection



IMPORTANT

- Fan speed detection is only available via the Fan1 header.
- Please always turn off the power supply and unplug the power cord from the power outlet before installing or removing the ARGB LED Strip.
- Please ensure all cables are securely connected before powering on.
- Each port can support a maximum of 64 ARGB LEDs, with a total of no more than 128 LEDs.
- Exceeding these limits may cause ARGB LEDs to display abnormal colors, flicker, or be unable to change colors.

LED Switch Button Function

- Single press: Toggle LED effects.
- Long press (2s): Sync with the motherboard; press again (2s) to switch back to the controller.
- Long press (6s): LEDs flash white three times, then turn off (remains off after reboot). Press again to restore the previous state.

LED Effect Sequence

After pressing the LED Switch button, the LED effect sequence is as follows:

1	Solid red
2	Solid green
3	Solid blue
4	Solid yellow
5	Solid cyan
6	Solid purple
7	Solid orange
8	Solid white
9	Single-Color breathing (Red)
10	Single-Color breathing (Green)

11	Single-Color breathing (Blue)
12	Single-Color breathing (Yellow)
13	Single-Color breathing (Cyan)
14	Single-Color breathing (Purple)
15	Single-Color breathing (White)
16	Rainbow color breathing (Red, Green, Blue, Yellow, Cyan, Purple, White)
17	Gradient running
18	Rainbow running

General Information

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Revision History

- Version 1.0, 2025/02, First release.

