



MPG Series

PC Case

MPG VIXTA 300R PZ

MPG VIXTA 300R PZ W

MPG VIXTA 300L PZ

MPG VIXTA 300L PZ W

MPG VIXTA 300R AIRFLOW PZ

MPG VIXTA 300R AIRFLOW PZ W

User Guide

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Specifications

Basic Information

Case Type	Mid Tower
Dimensions (DxWxH)	455 x 235 x 497mm
Supported Motherboard Sizes	ATX, Micro-ATX, Mini-ITX
Expansion Slots	7 slots
Drive Bays	2.5"SSD x 2 or 2.5"SSD x 1+3.5"HDD x 1

Cooling Fan Support

Top	3 x 120mm
Front	2 x 160mm (300R AIRFLOW PZ/ 300R AIRFLOW PZ W) Pre-installed 2 x 160mm ARGB fans (300R AIRFLOW PZ/ 300R AIRFLOW PZ W)
Rear	1 x 120mm Pre-installed 1 x 120mm ARGB fan (300R PZ/ 300R PZ W/ 300R AIRFLOW PZ/ 300R AIRFLOW PZ W)
Side	2 x 120mm or 2 x 140mm Pre-installed 2 x 140mm ARGB reverse blade fans (300R PZ/ 300R PZ W)
Bottom	3 x 120mm (on the PSU shroud)

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 Reset button (300L PZ/ 300L PZ W) 1 x LED switch button (300R PZ/ 300R PZ W/ 300R AIRFLOW PZ/ 300R AIRFLOW PZ W)

Chassis Clearances

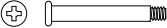
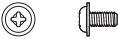
Maximum CPU Cooler Height	165 mm
Maximum GPU Length	420 mm (300R PZ/ 300R PZ W/ 300L PZ/ 300L PZ W) 390 mm (300R AIRFLOW PZ/ 300R AIRFLOW PZ W)

Top Radiator Support	120 / 240 / 360 mm
Rear Radiator Support	120 mm
Side Radiator Support	120 / 240 mm
PSU Support	190 mm
Cable Routing Space (Behind Motherboard)	30mm

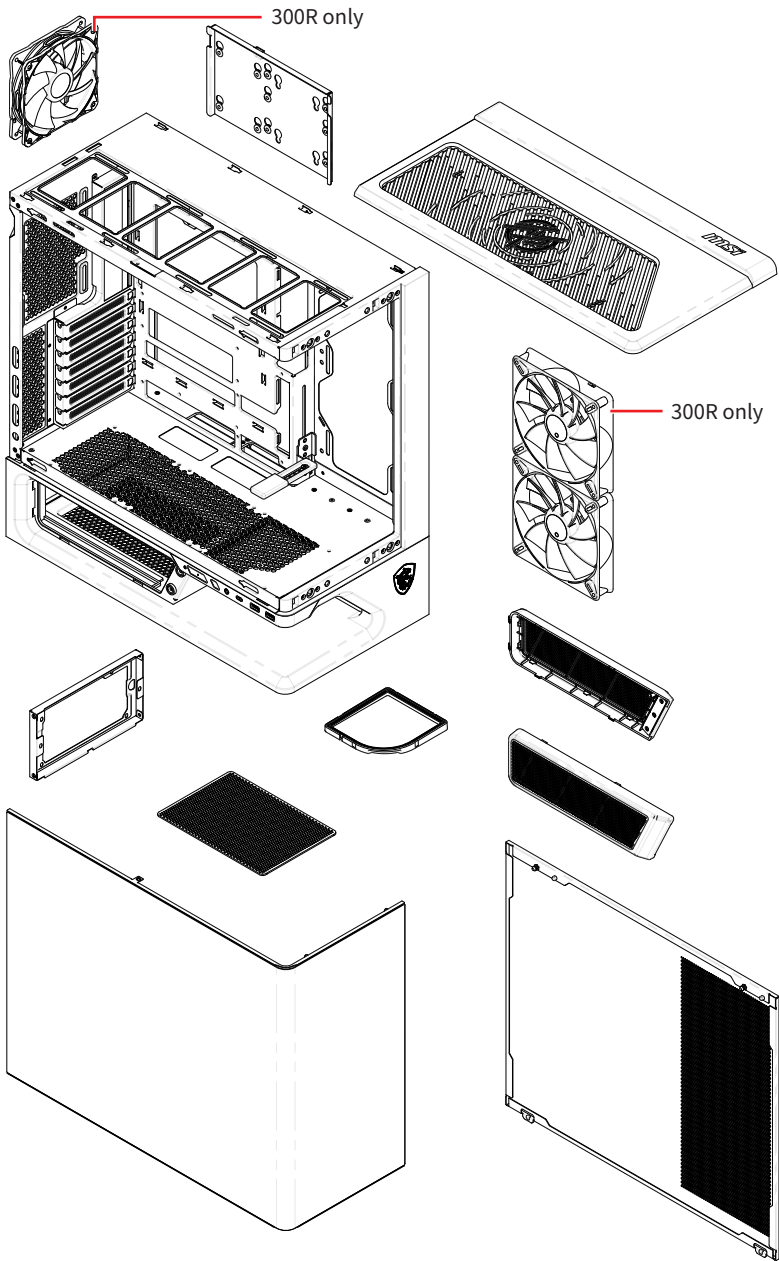
Materials

Metal Specification	SPCC 0.5 mm
Left Side Panel	3mm tempered glass
Dust Filter	Top: Built-in Bottom: Magnet
GPU holder	Steel

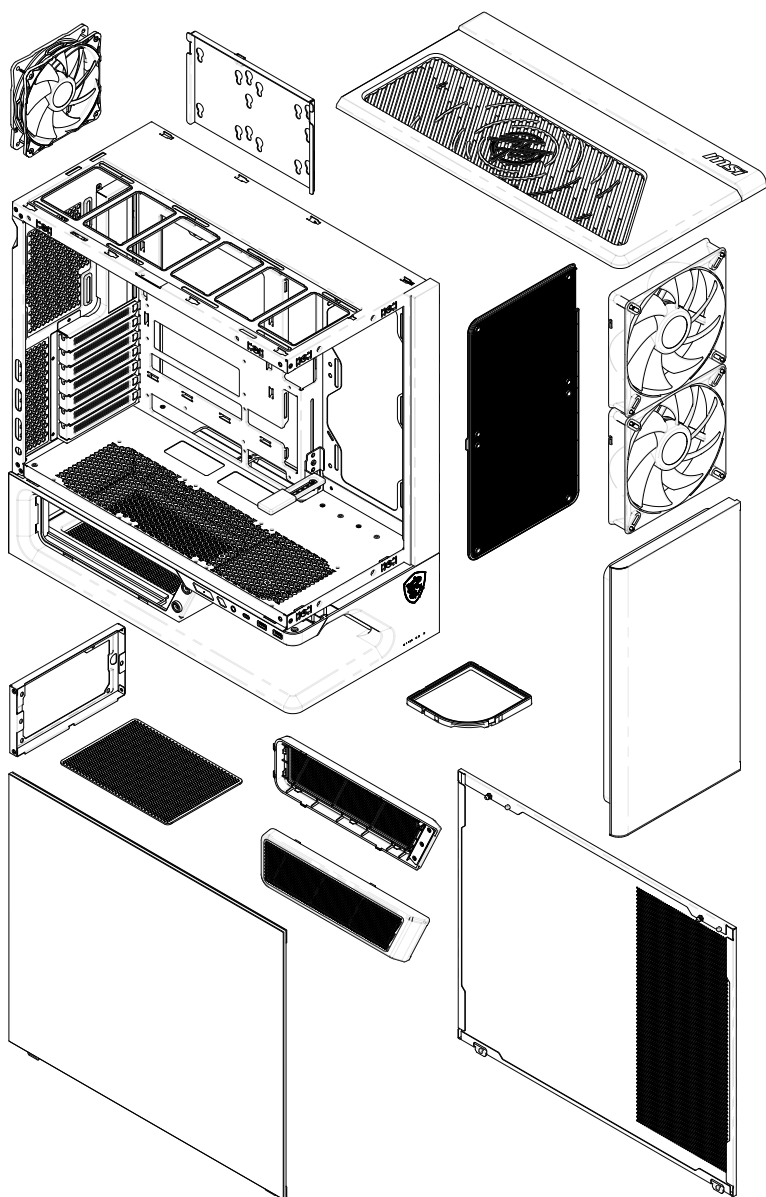
Accessories

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 x17	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 T1.0 x2	Backup supplies
	Hook-and-loop fastener x2	Cable management
	Cable ties x6	Cable management
	Magnet dust filter x1	Bottom dust filter

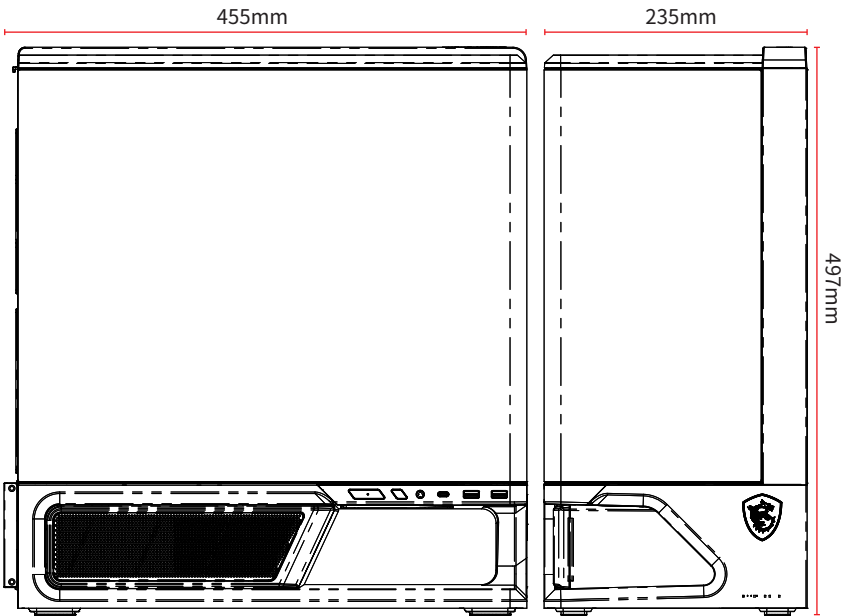
Case Features (300R PZ/ 300R PZ W/ 300L PZ/ 300L PZ W)



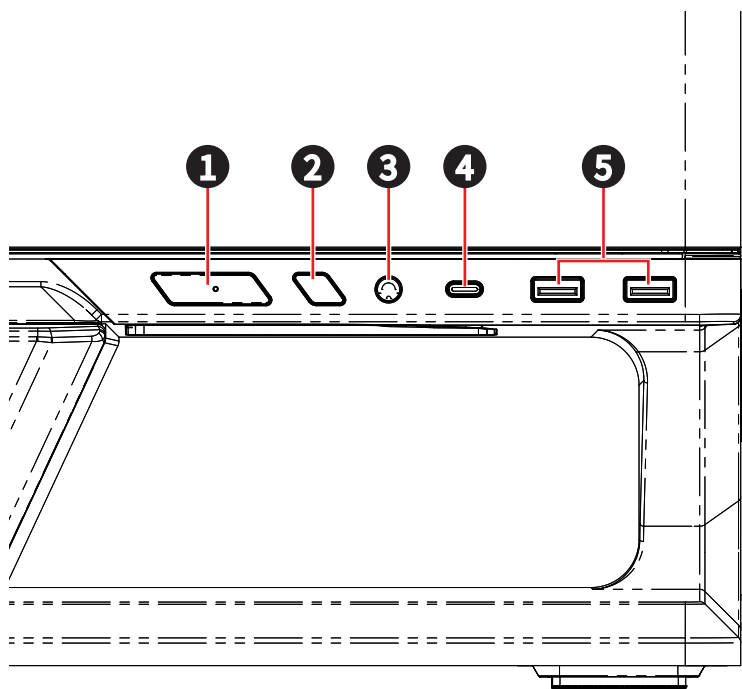
Case Features (300R AIRFLOW PZ/ 300R AIRFLOW PZ W)



Side and Front View



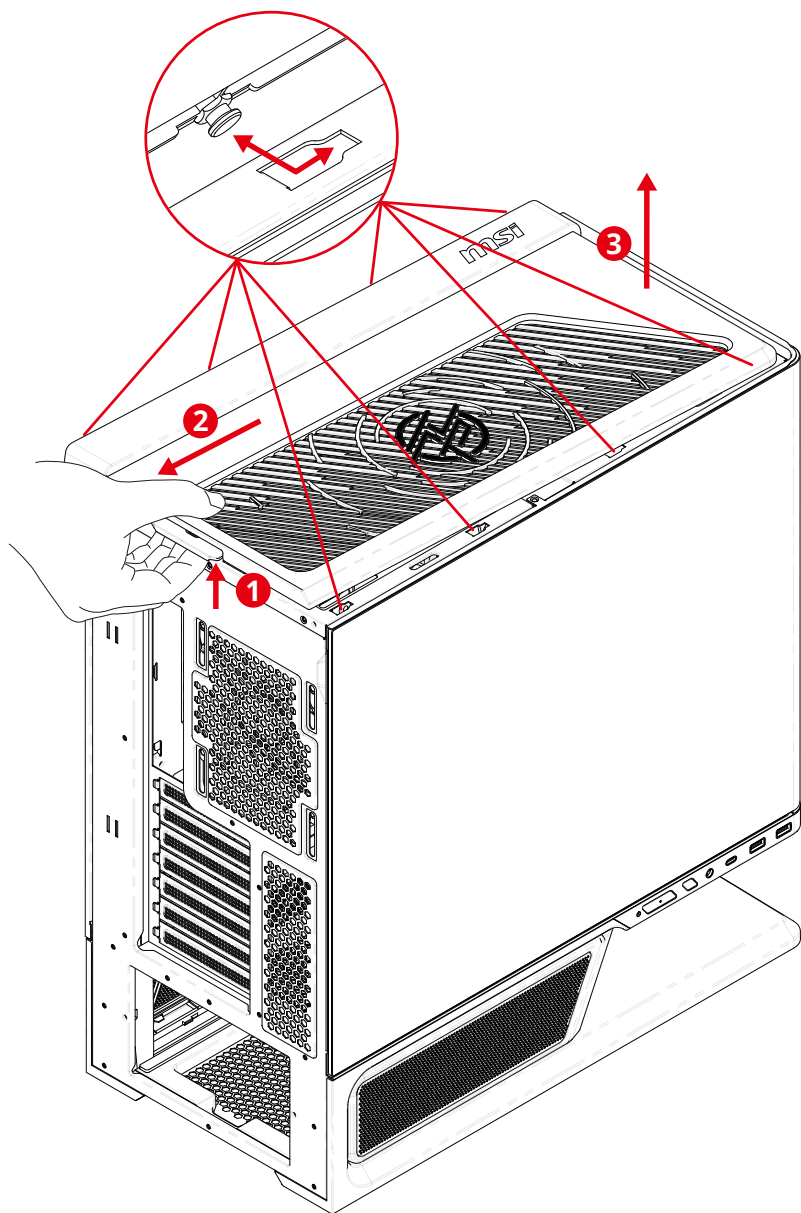
I/O and Buttons



Item	Description
1	Power button
2	Reset button (300L PZ/ 300L PZ W) LED switch button (300R PZ/ 300R PZ W/ 300R AIRFLOW PZ/ 300R AIRFLOW PZ W)
3	Audio/Microphone combo jack
4	USB 20Gbps Type-C
5	USB 5Gbps Type-A

The side panel is held in place by snap-fit clips.

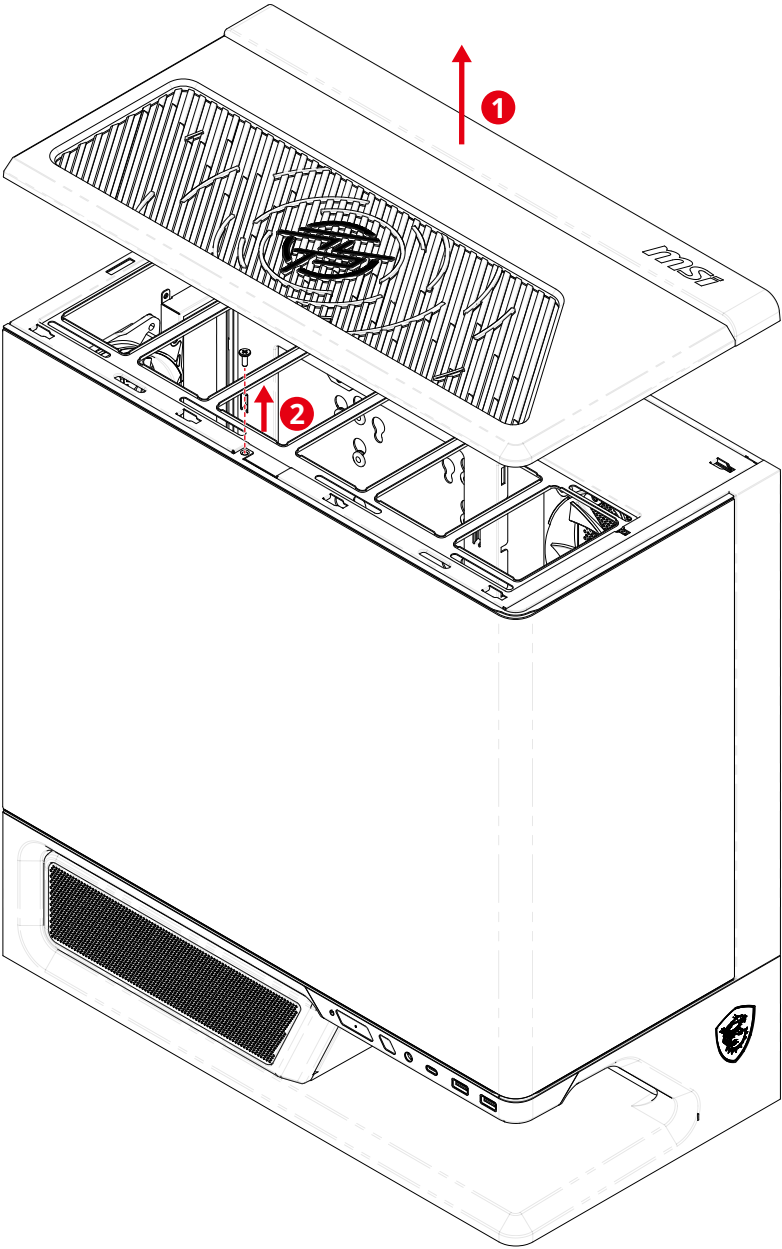
Top Panel Removal

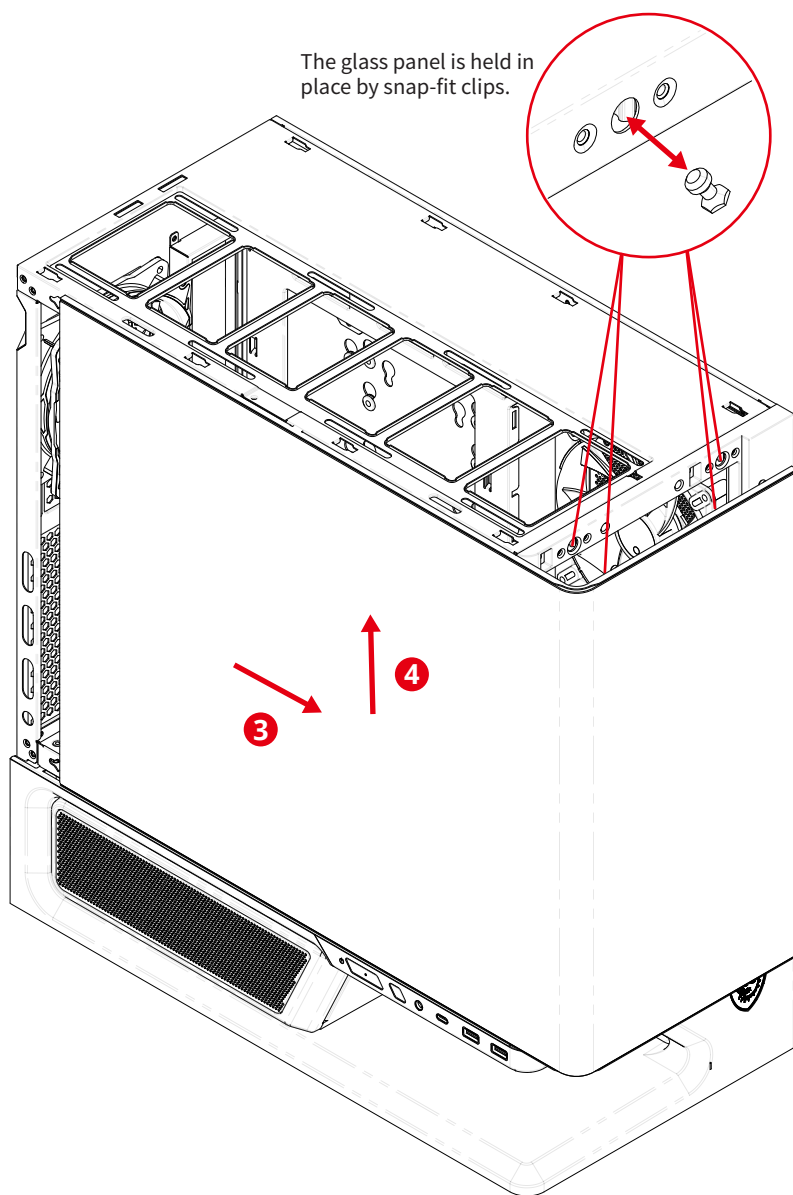


NOTE

To reinstall the top panel, slide all eight clips into the indicated slots.

**Glass Panel Removal (300R PZ/ 300R PZ W/
300L PZ/ 300L PZ W)**



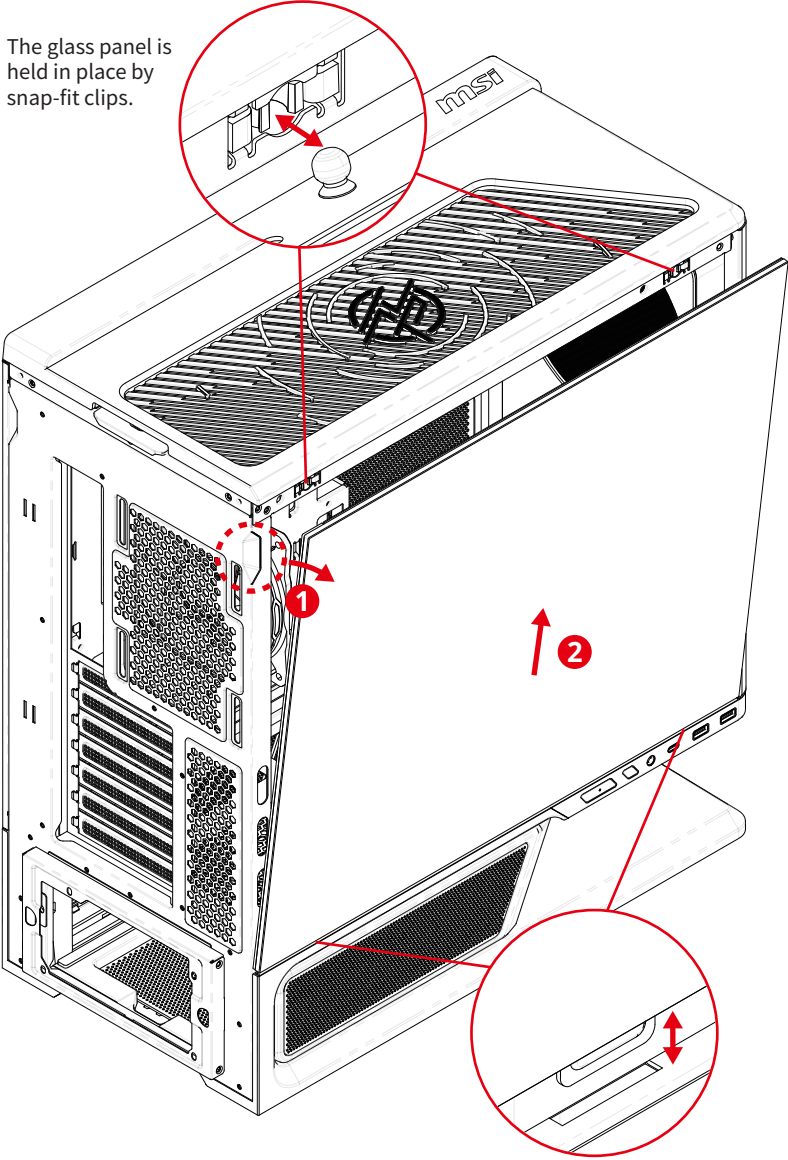


! **Important**

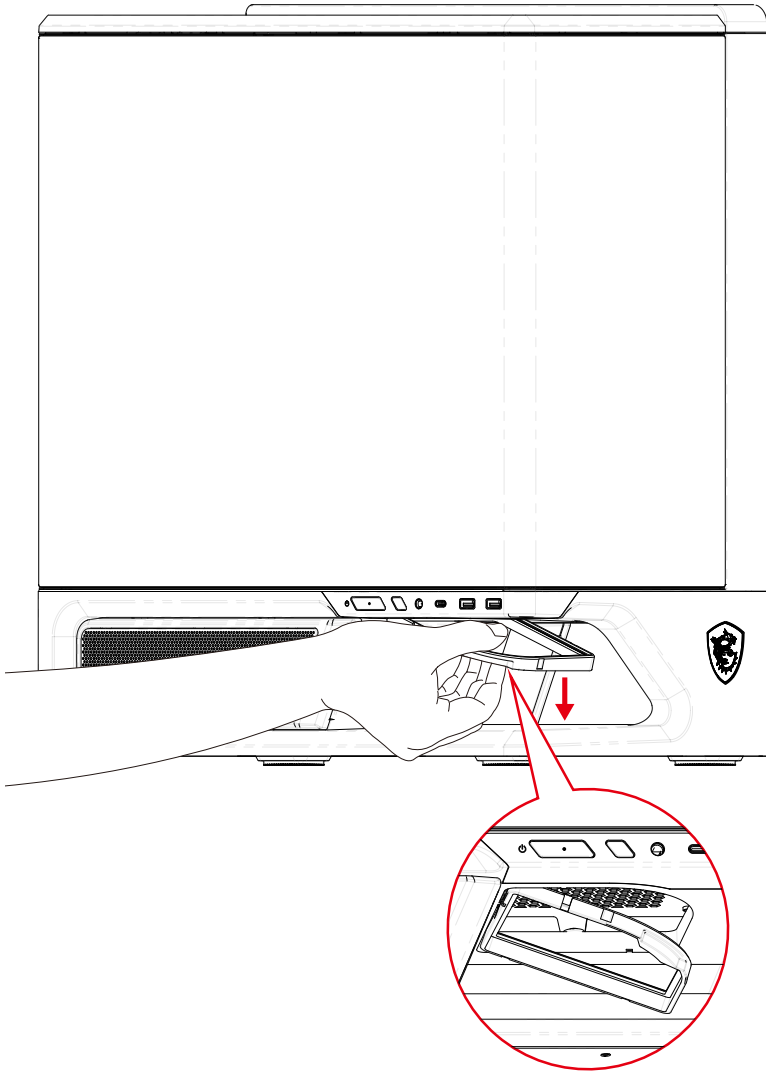
Support the glass panel securely when removing or installing to prevent it from slipping.

Glass Panel Removal (300R AIRFLOW PZ/ 300R AIRFLOW PZ W)

The glass panel is held in place by snap-fit clips.



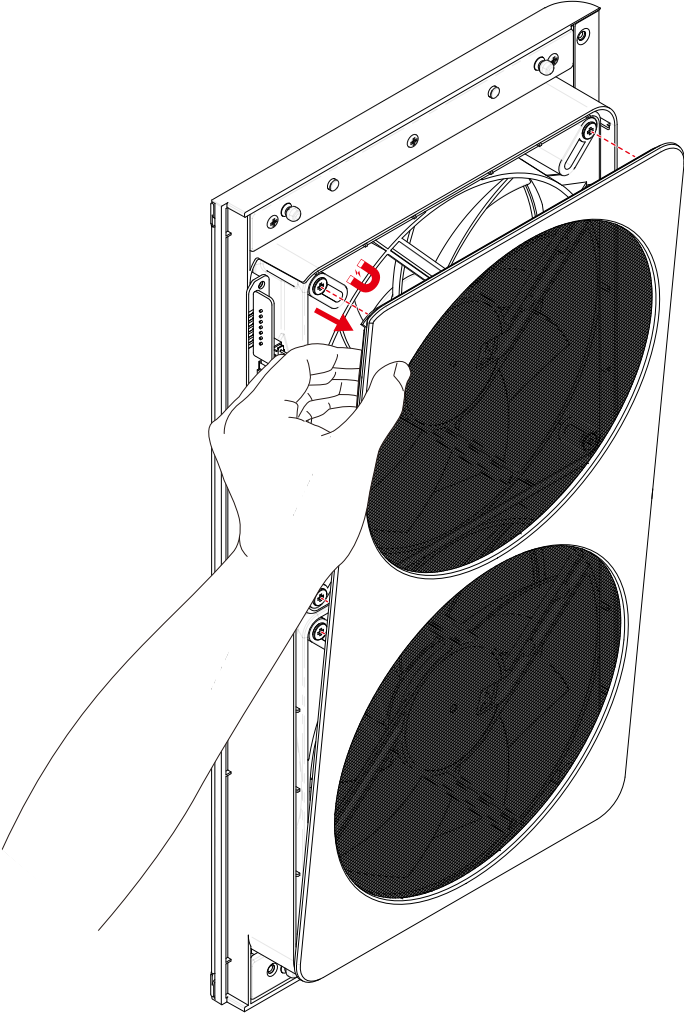
Bottom Fan Dust Filter Removal



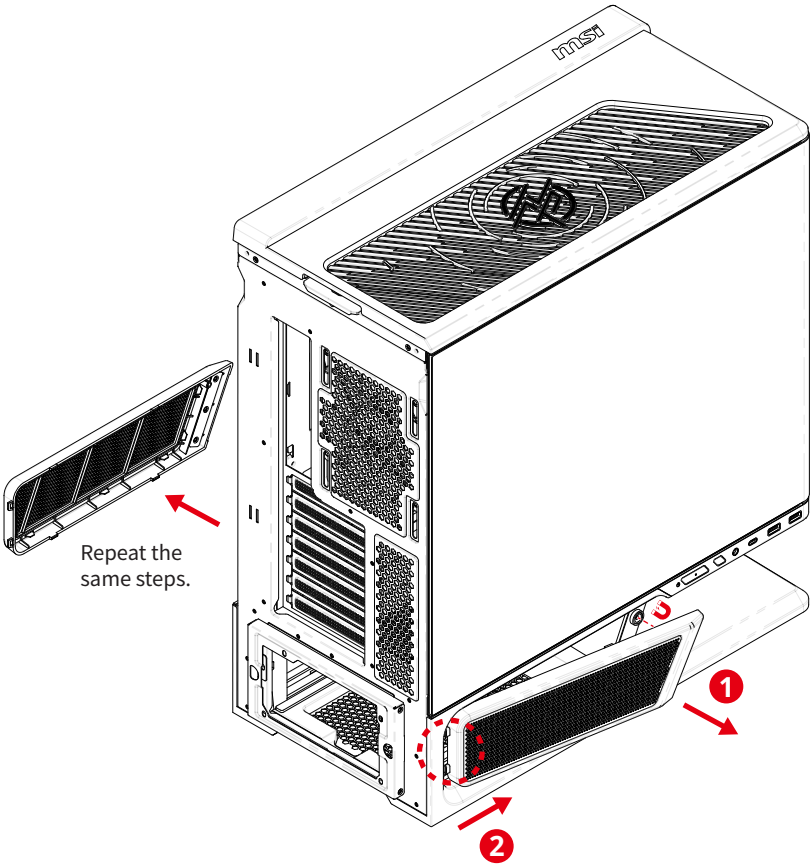
Important

Do not press against the mesh material to avoid tearing.

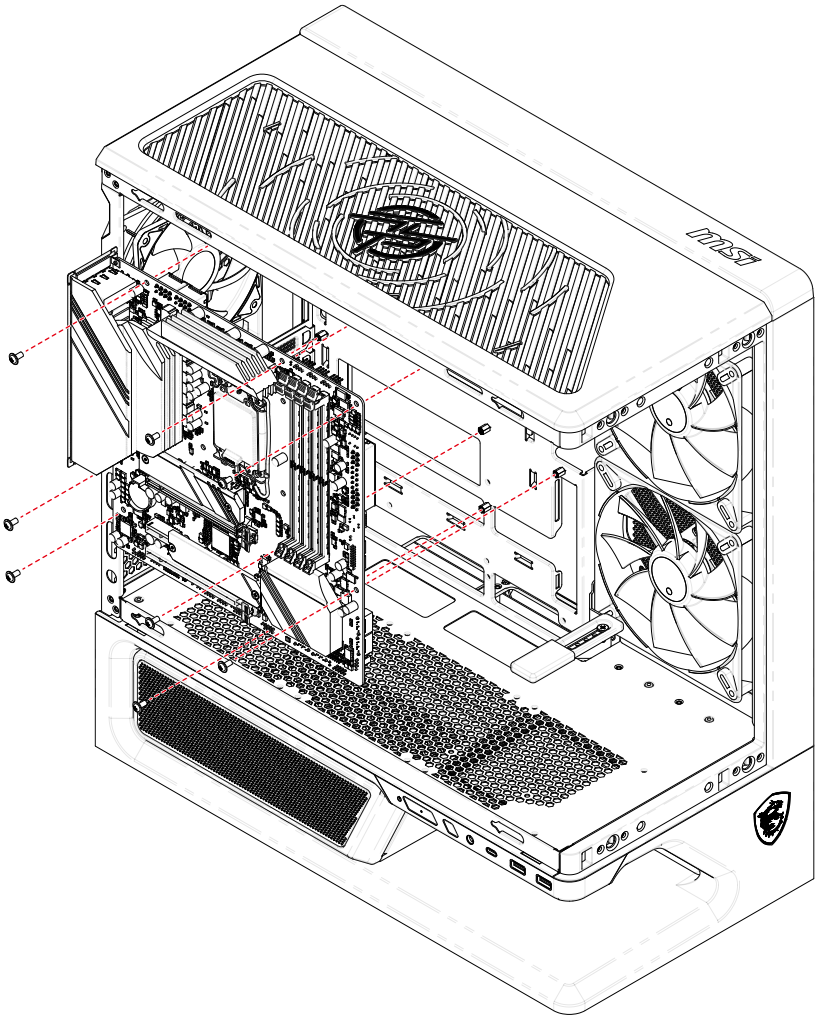
Front Fan Dust Filter Removal (300R AIRFLOW PZ/ 300R AIRFLOW PZ W)



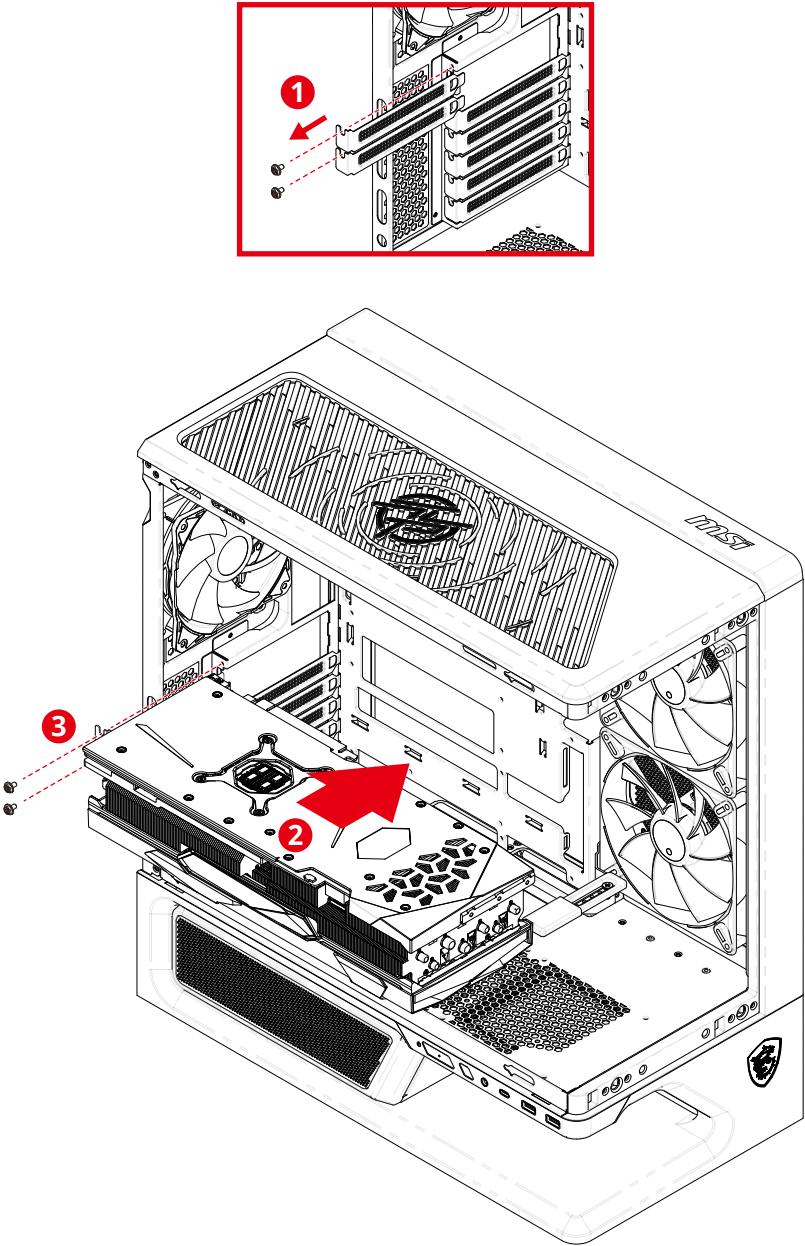
PSU Side Cover Removal



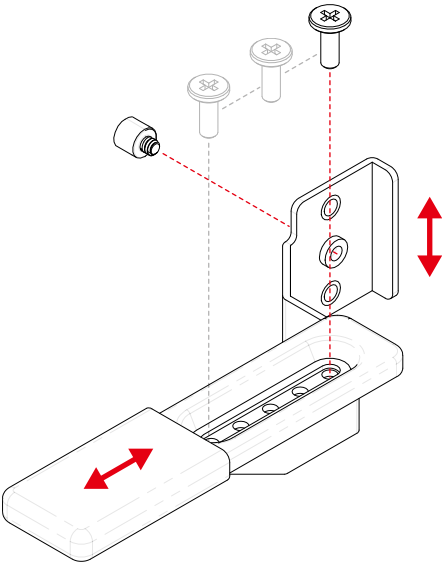
Motherboard Installation



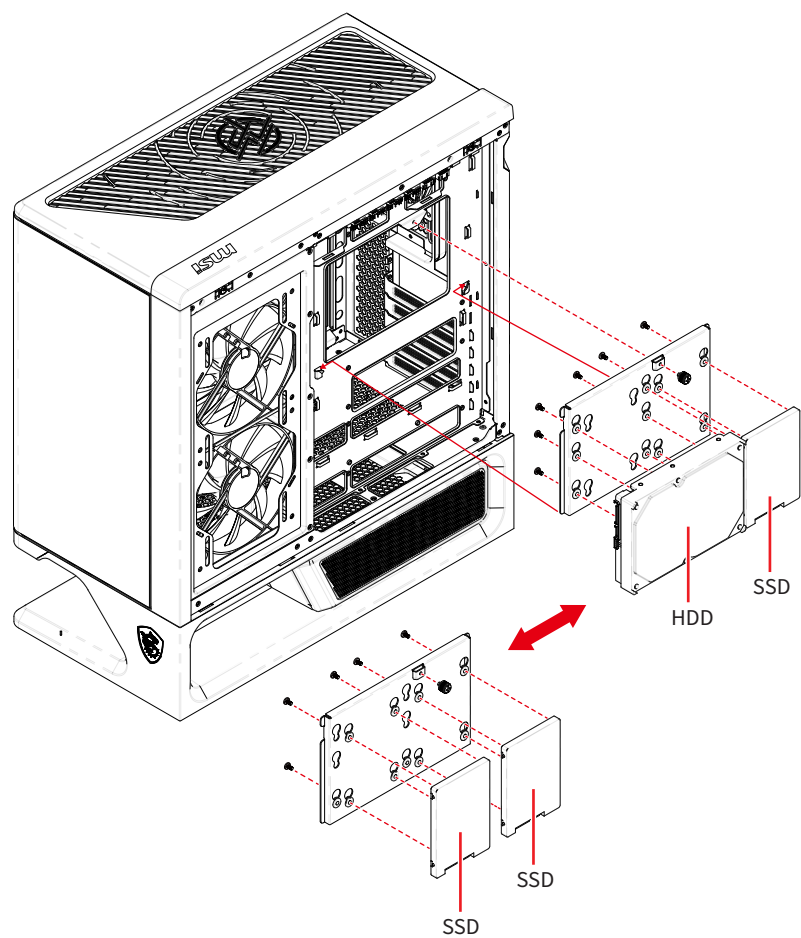
Graphics Card Installation

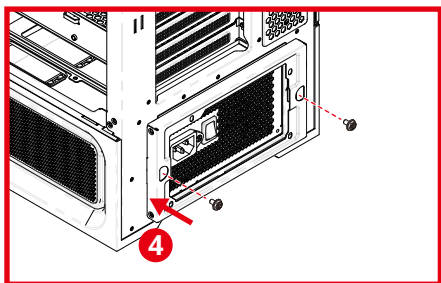
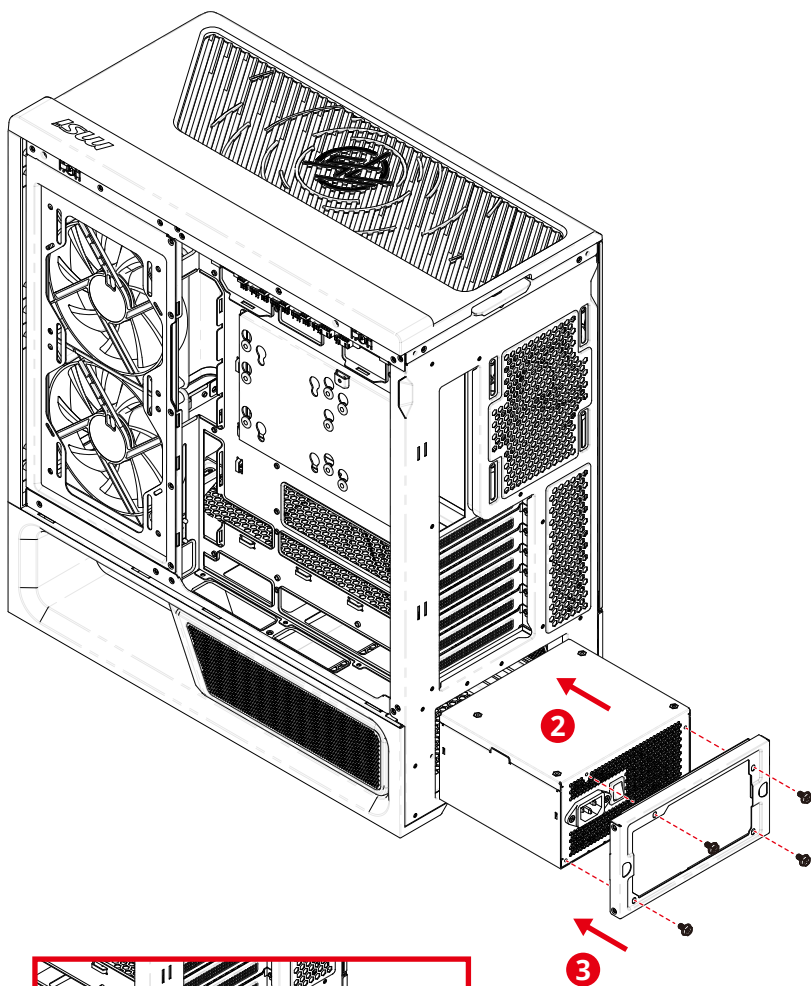


GPU Holder Adjustment

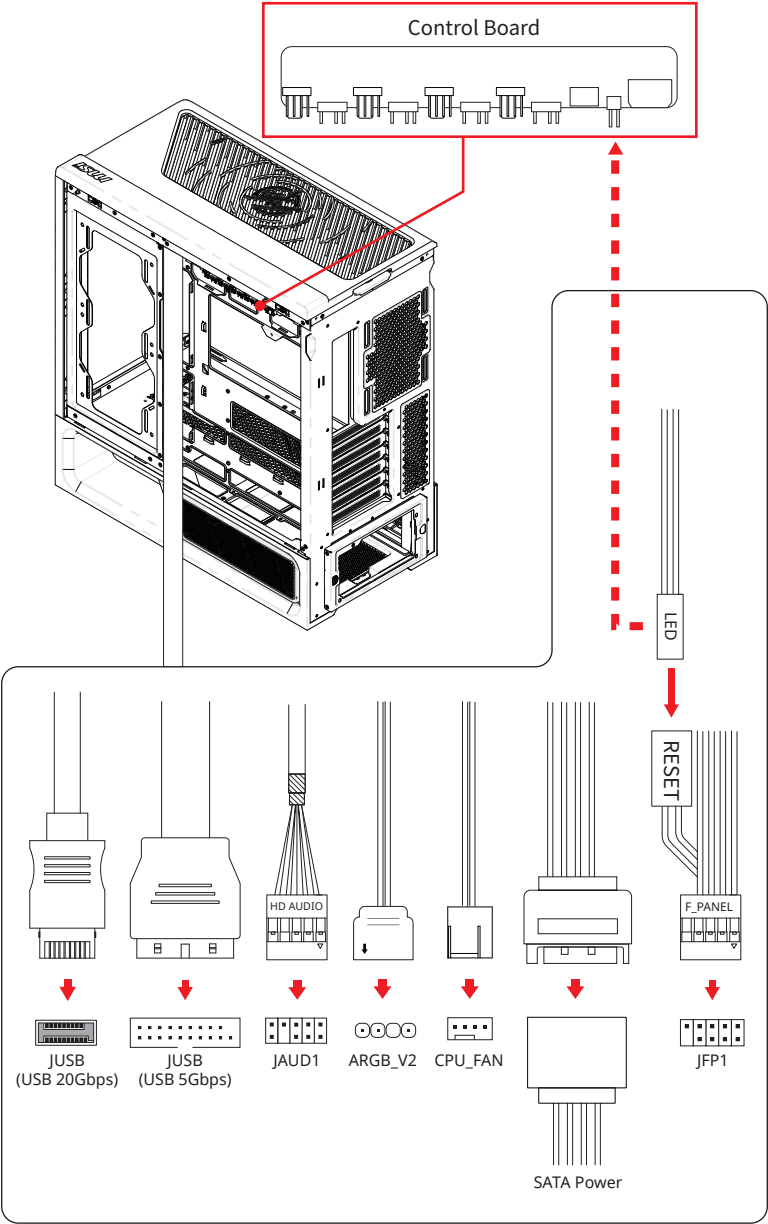


HDD & SSD Installation

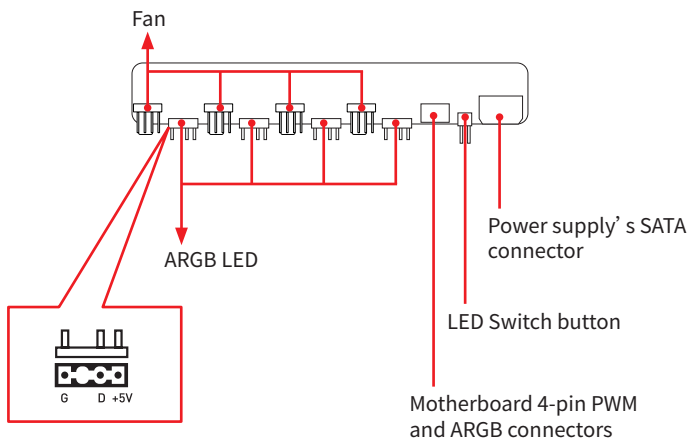




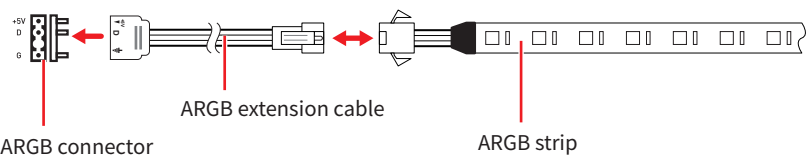
Panel I/O Connection (300R PZ/ 300R PZ W/ 300R AIRFLOW PZ/ 300R AIRFLOW PZ W)



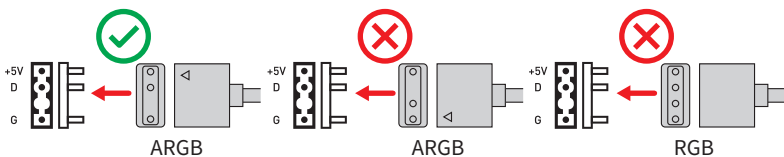
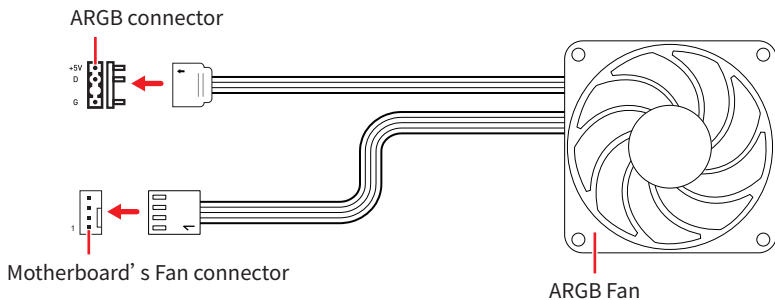
Control Board Connection



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 60 ARGB LEDs, with a total of no more than 150 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 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.

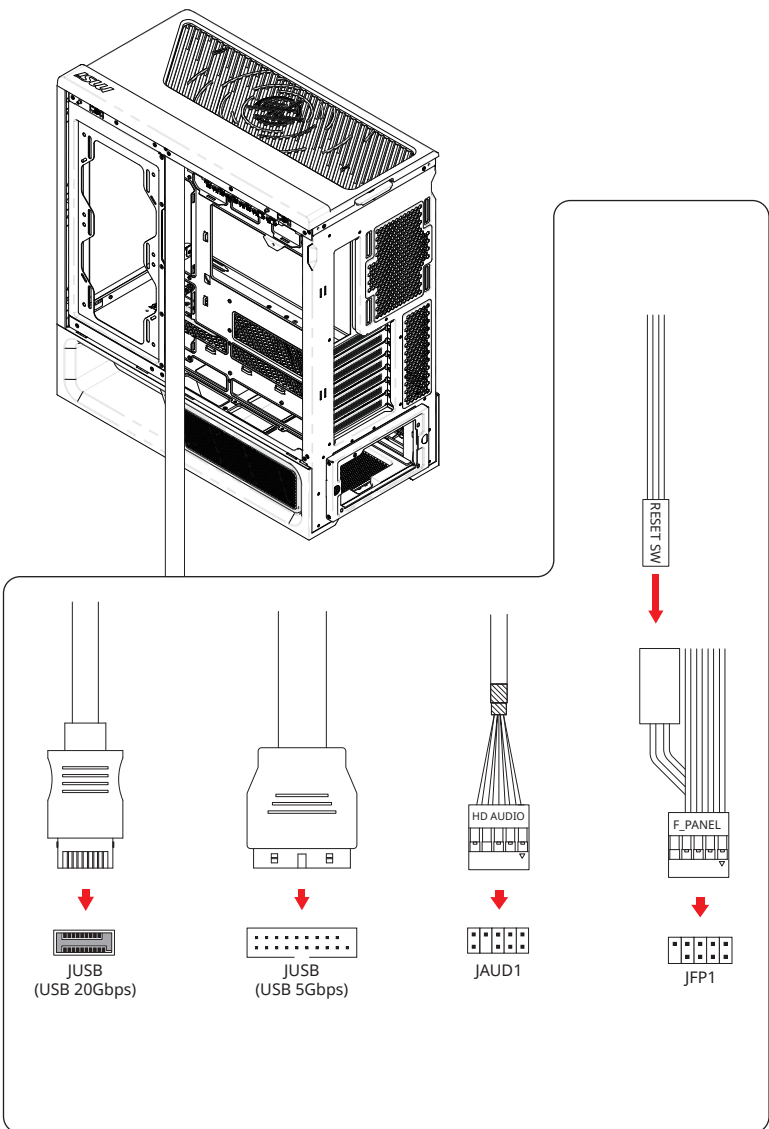
LED Effect Sequence

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

Panel I/O Connection (300L PZ/ 300L PZ W)



General Information

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Revision History

- Version 1.0, 2026/05, First release.
- Version 1.1, 2026/07, updated AIRFLOW information.

