Manuals+

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msi MPG Series PC Case

Specifications

- **Case Type:** Mid Tower
- **Dimensions (DxWxH):** 485 x 235 x 518mm
- **Supported Motherboard Sizes:** EATX*, ATX**, Micro-ATX, Mini-ITX
- **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
    - 3.5HDD: 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
    - Maximum GPU Length: 400 mm (with factory-installed fans)
    - Top Radiator Support: 120 / 140 / 240 / 280 / 360 mm

- **Materials:**
    - Metal Specification: SPCC 0.8 mm
    - Left Side Panel: 4mm tempered glass

Product Usage Instructions

Side Panel Removal

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

Top Panel Removal

- Detailed instructions for top panel removal.

Motherboard Installation

- Detailed steps for installing the motherboard correctly.

Graphics Card Installation

- Guidelines for installing a graphics card in the case.

HDD & SSD Installation

- Instructions for properly installing HDDs and SSDs in the case.

PSU Installation

- Steps for correctly installing the power supply unit.

Panel I/O Connection

- Detailed instructions on connecting the I/O panel to the motherboard.

Control Board Connection

- Steps for connecting the control board components.

Important Notes

- Fan speed detection is only available via the Fan1 header.
- Always turn off the power supply and unplug the power cord before installing or removing the ARGB LED Strip.

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

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

Case Features

Case Features
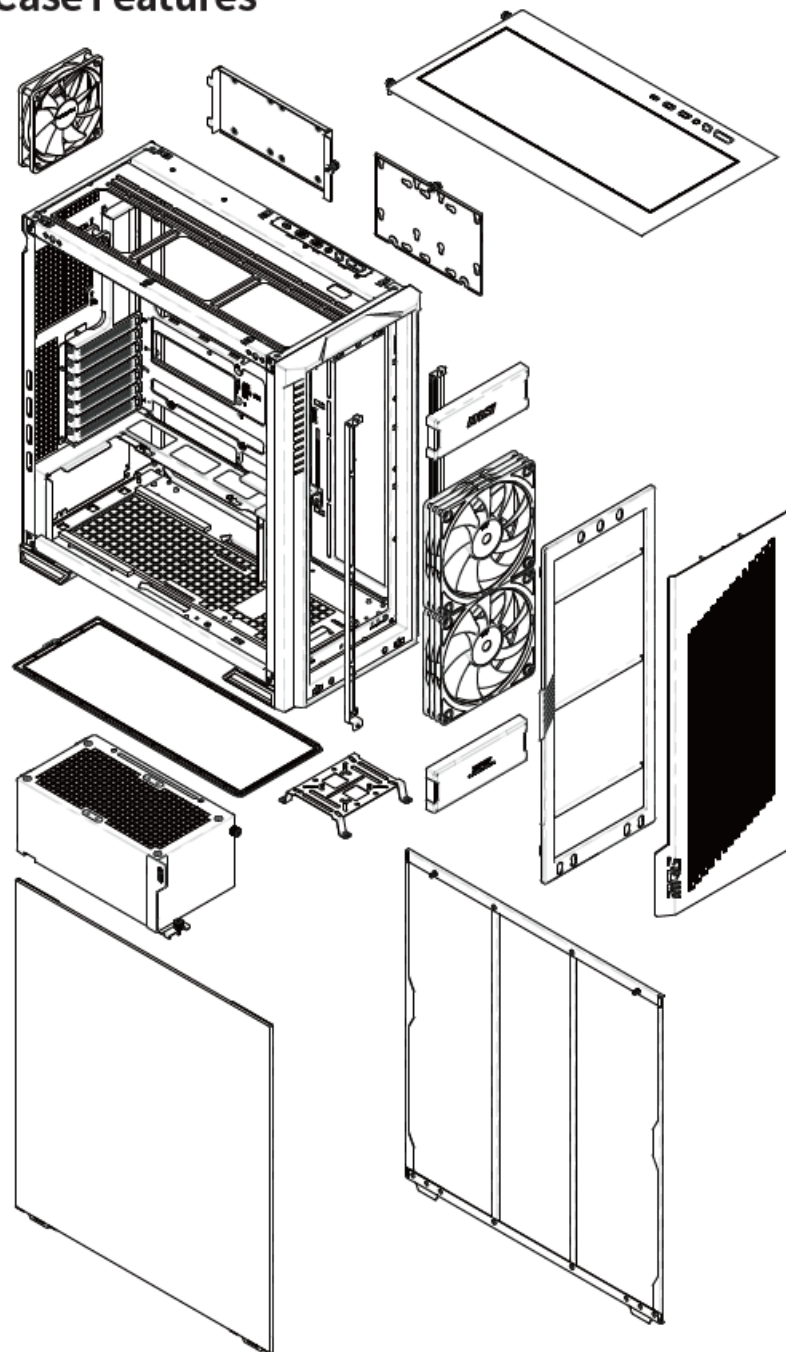
Side and Front View

485mm   235mm   518mm
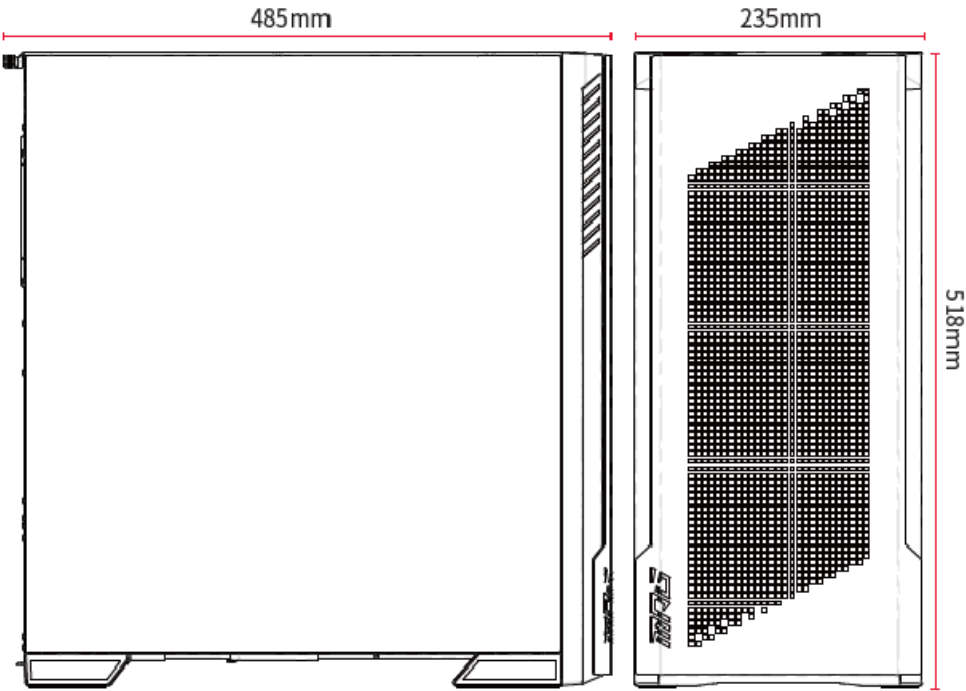
I/O and Buttons
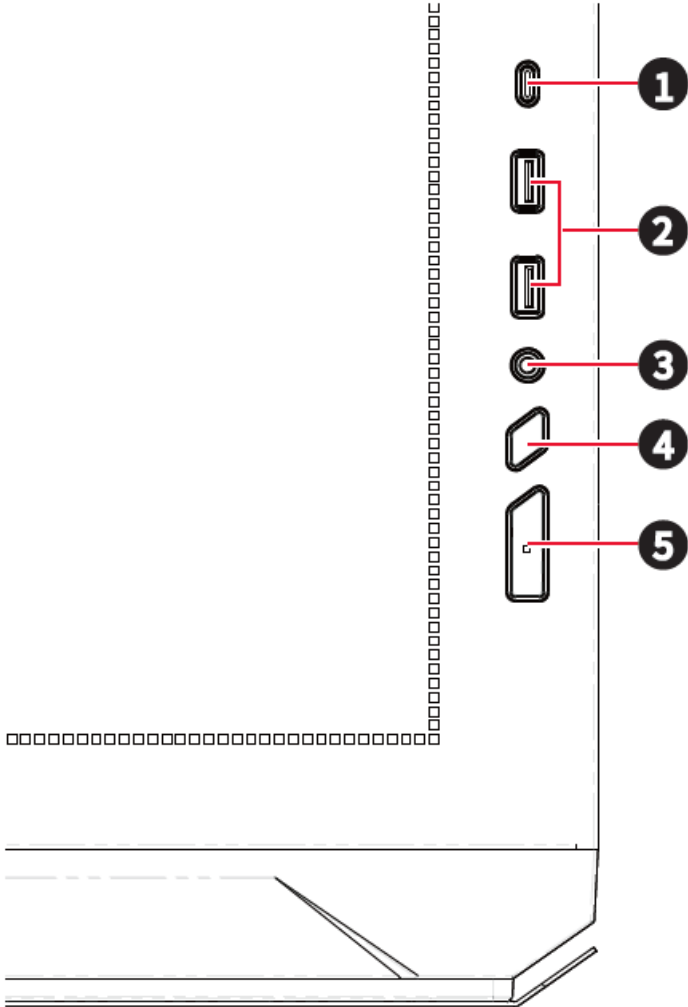
Item	Description
1	USB 20Gbps Type-C
2	USB 5Gbps Type-A
3	Audio/Microphone combo jack
4	LED switch button
5	Power button

Side Panel Removal
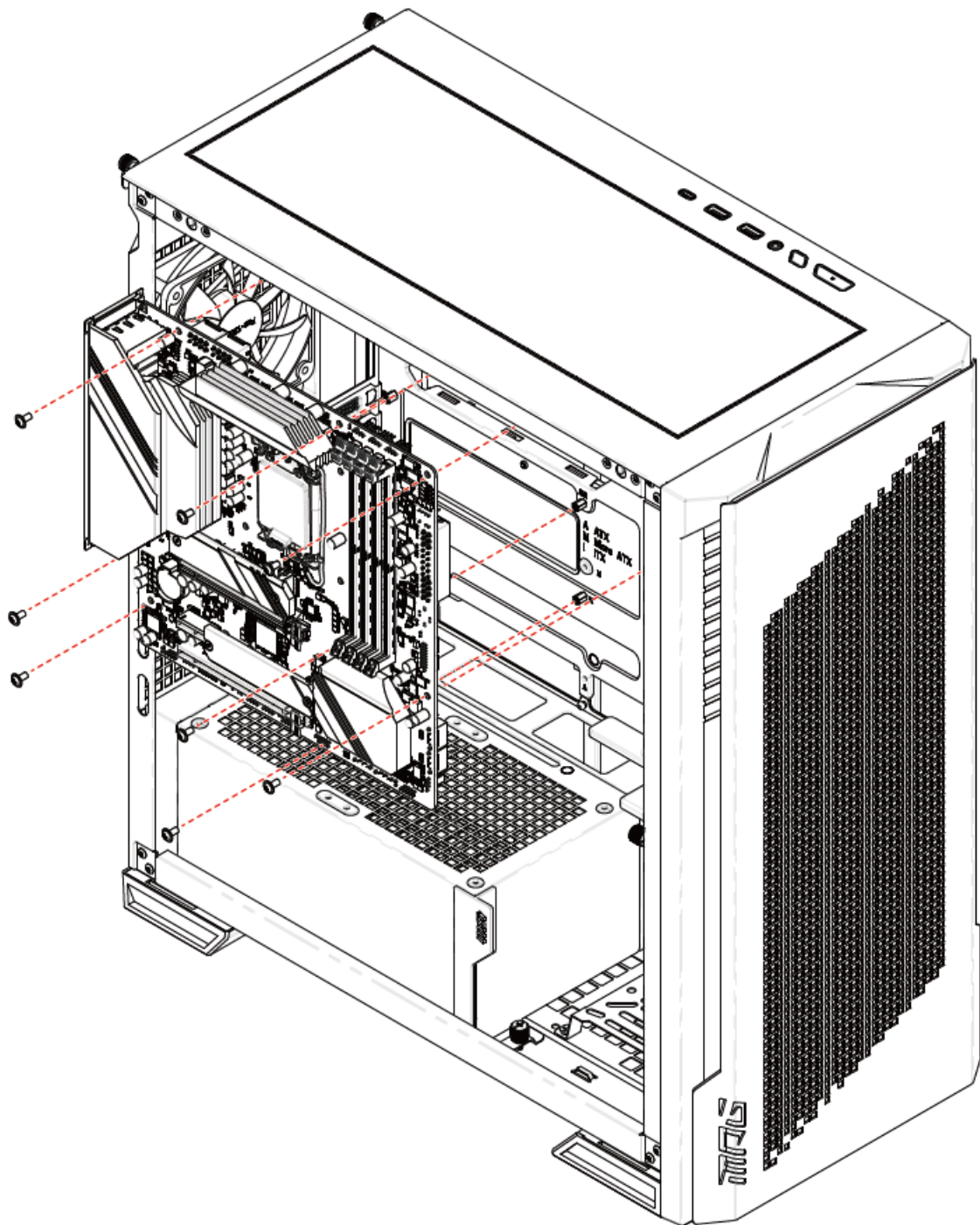

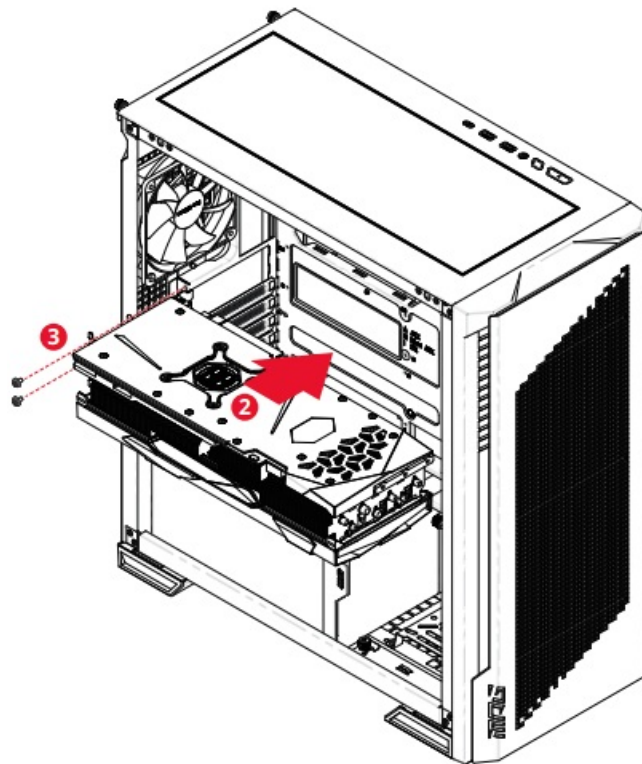The side panel is held in place by snap-fit clips
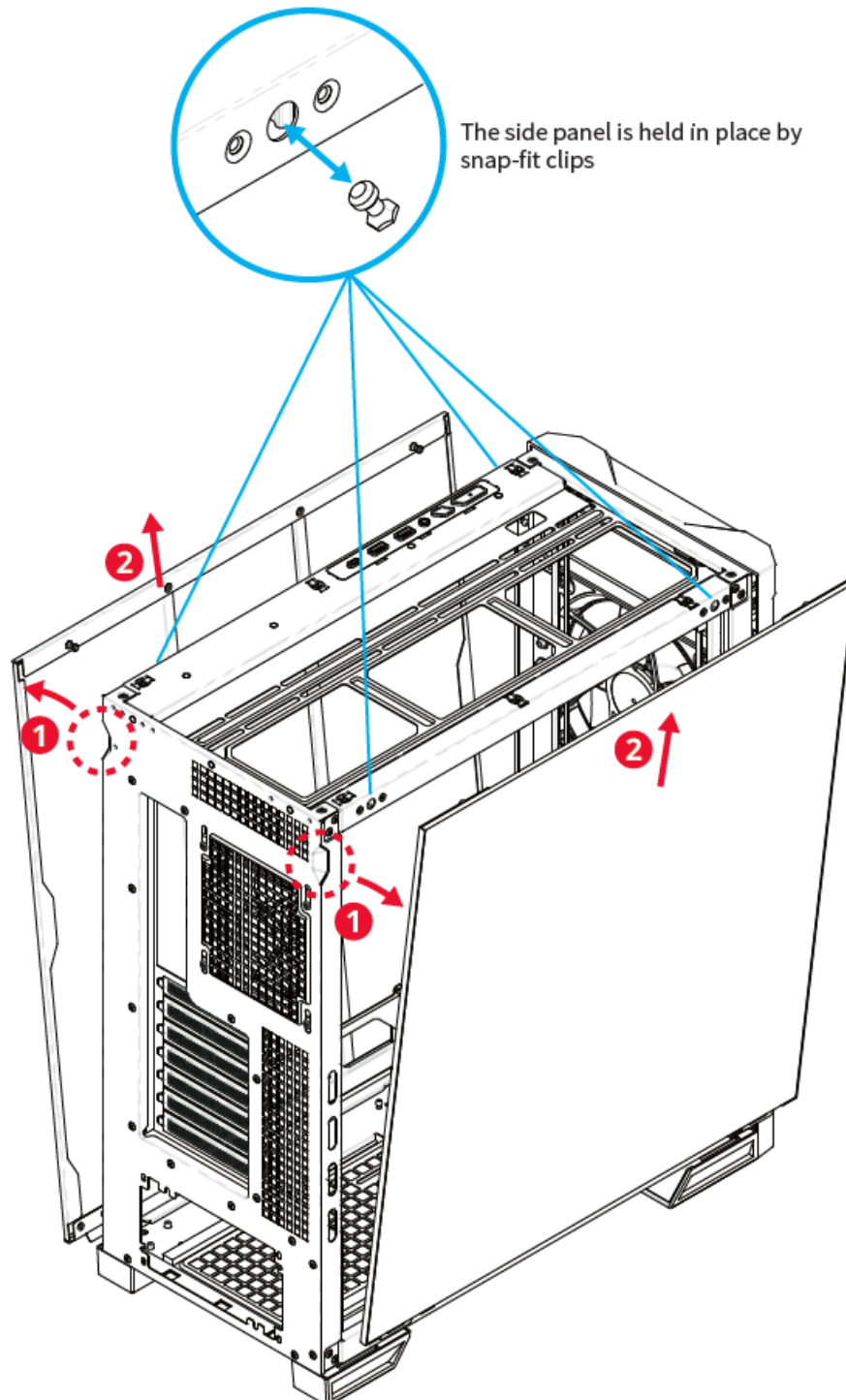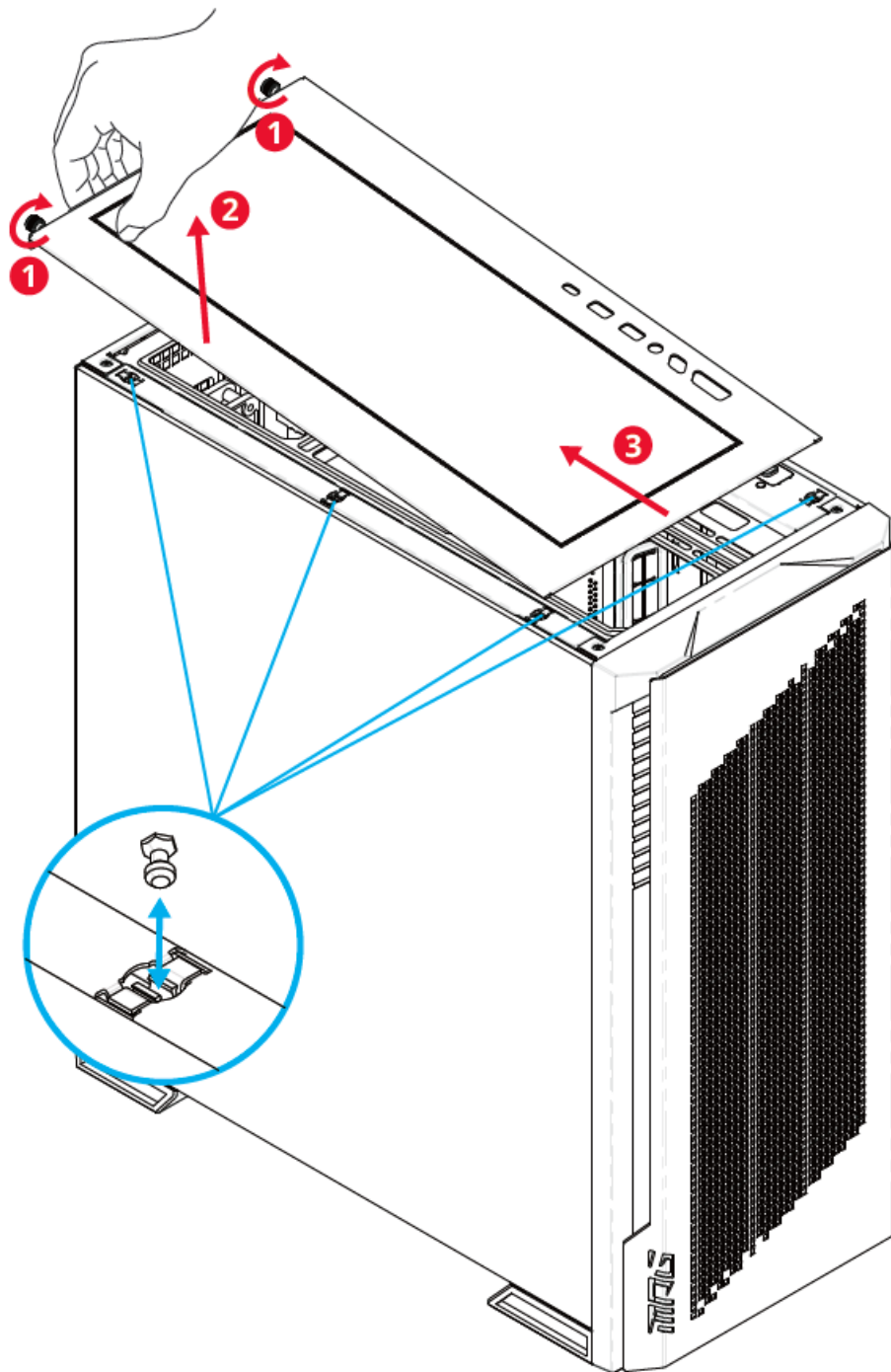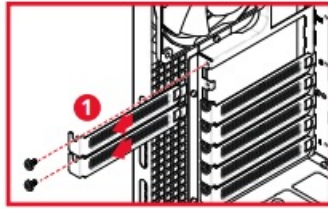
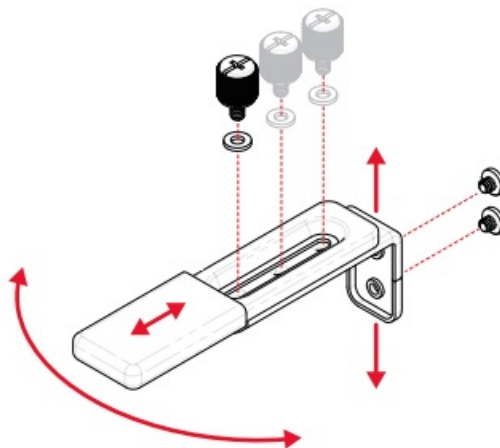## Top Panel Removal

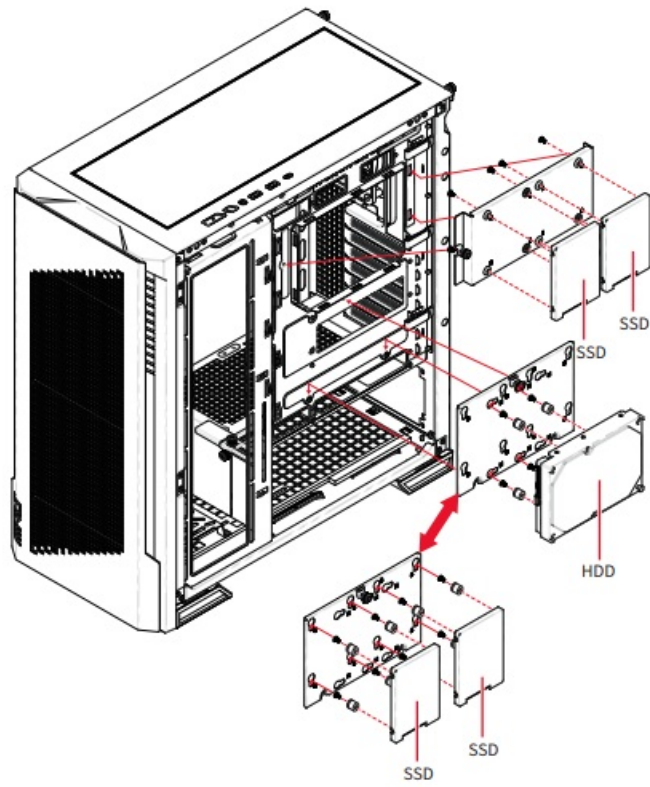**Front Bezel Removal**
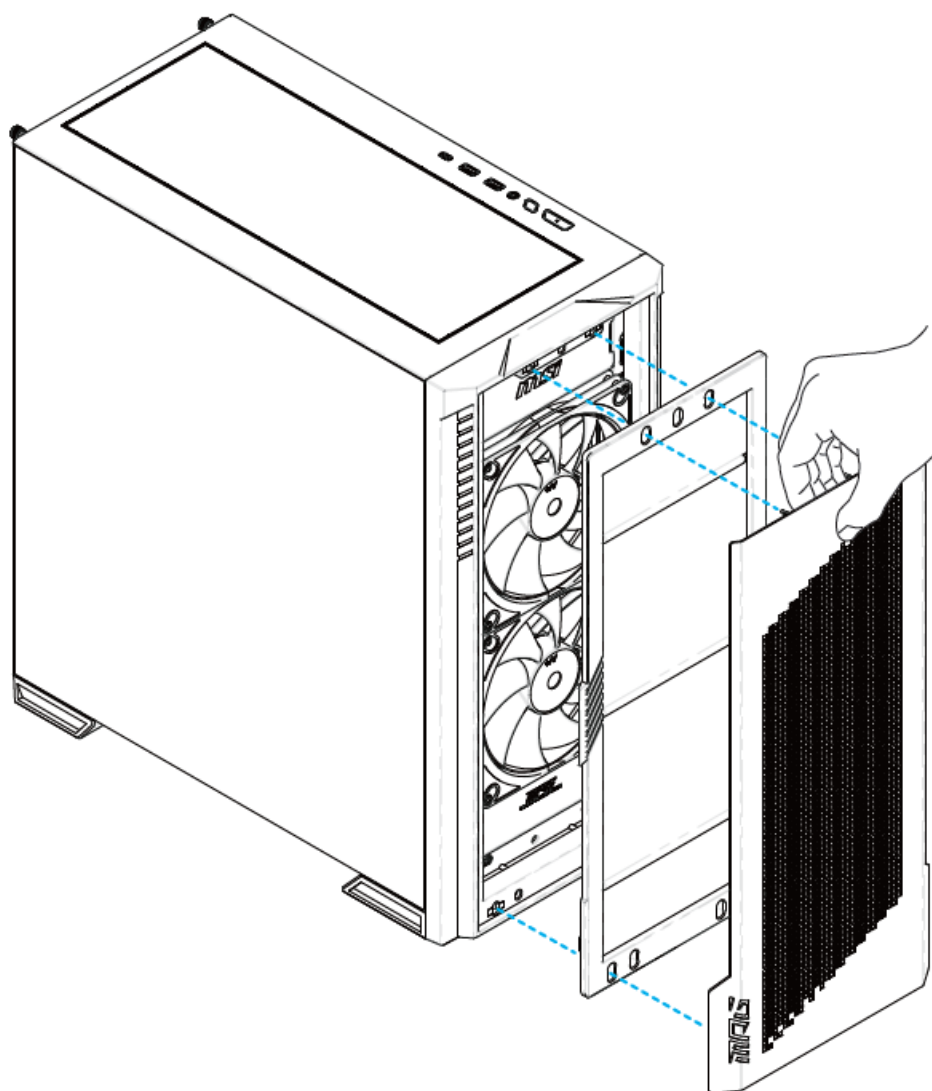
Motherboard Installation
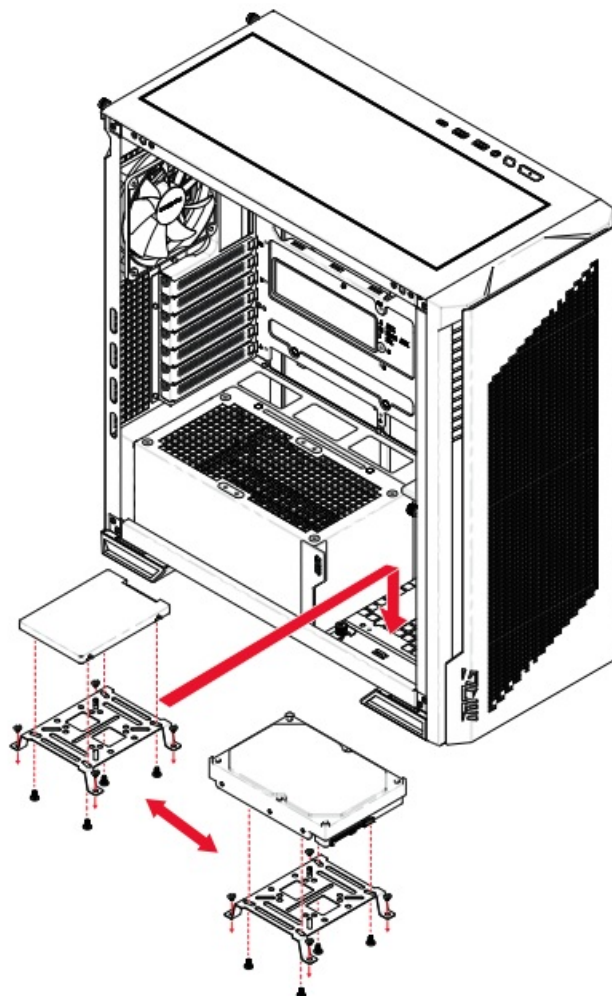
Graphics Card Installation

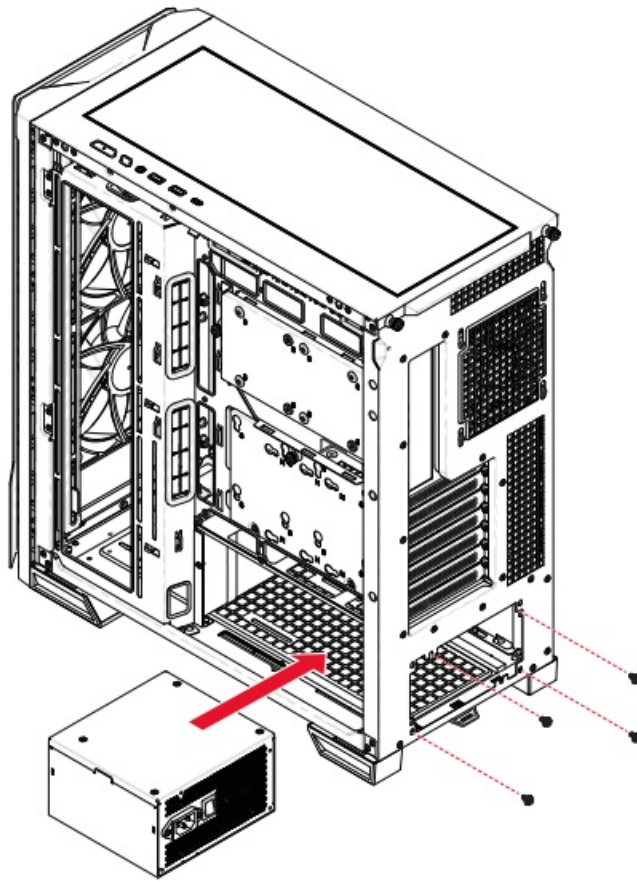**GPU Holder Adjustment**

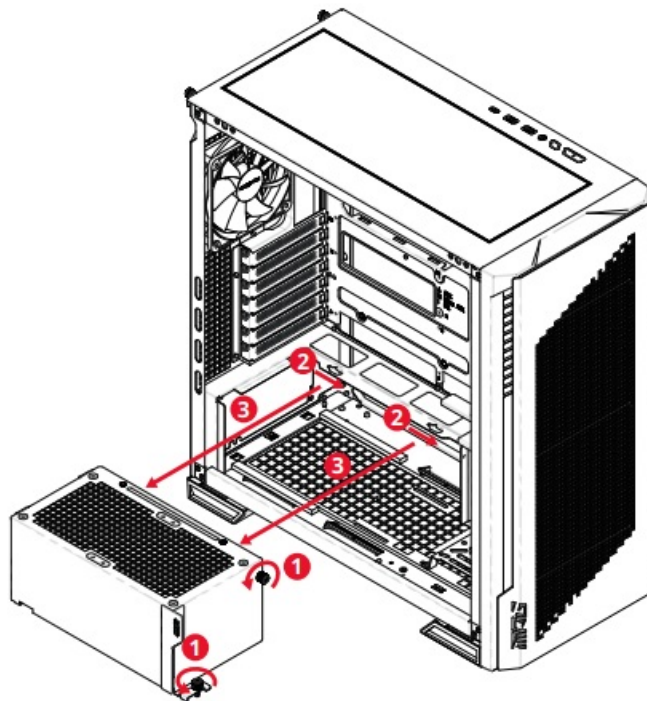**HDD & SSD Installation (Right Side)**
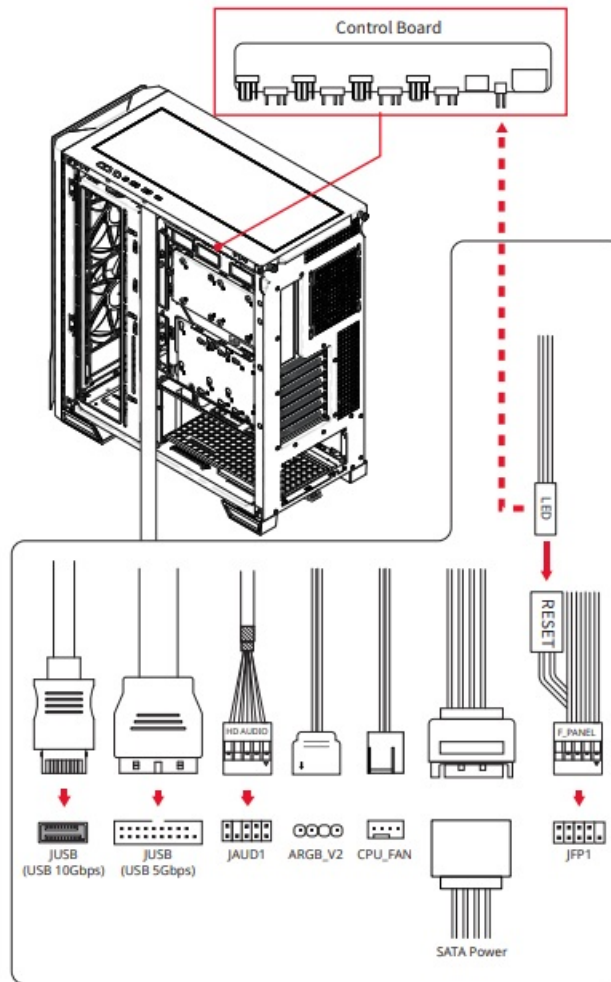
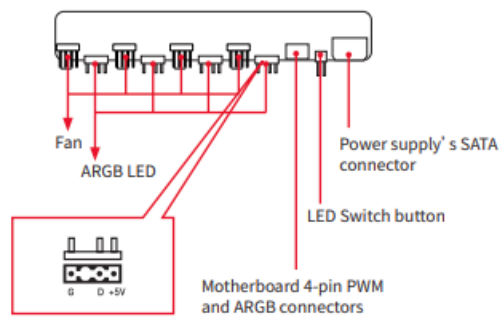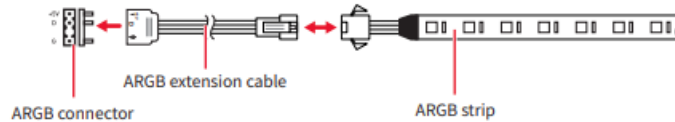**HDD & SSD Installation (Left Side)**

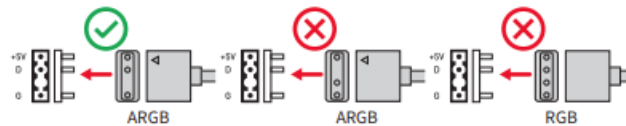**PSU Installation**

PSU Shroud Removal

Panel I/O Connection

Control Board Connection

Fan

ARGB LED

Power supply's SATA connector

LED Switch button

G   D   +5V

Motherboard 4-pin PWM and ARGB connectors

Addressable RGB LED Strip Connection

ARGB extension cable

ARGB connector

ARGB strip

Addressable RGB LED Fan Connection

ARGB connector

Motherboard's Fan connector

ARGB Fan

ARGB

ARGB

RGB
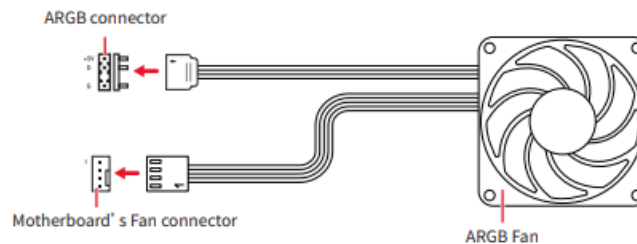
IMPORTANT

- 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		11	Single-Color breathing (Blue)
2	Solid green		12	Single-Color breathing (Yellow)
3	Solid blue		13	Single-Color breathing (Cyan)
4	Solid yellow		14	Single-Color breathing (Purple)
5	Solid cyan		15	Single-Color breathing (White)
6	Solid purple		16	Rainbow color breathing (Red, Green, Blue, Yellow, Cyan, Purple, White)
7	Solid orange			
8	Solid white		17	Gradient running
9	Single-Color breathing (Red)		18	Rainbow running
10	Single-Color breathing (Green)			

General Information

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FAQ

- **Q: Can I install a liquid cooling system in this case?**
  - **A:** Yes, the case supports various radiator sizes for liquid cooling setups. Refer to the specifications for supported radiator sizes.
- **Q: How many SSDs can be installed in this case?**
  - **A:** The case supports up to five 2.5″ SSDs for storage solutions.

Documents / Resources

MPG Series PC Case MPG V5 DX 360R ARTLOW F2 MPG V5 DX 300R ARTLOW F2 WHITE User Guide	**msi MPG Series PC Case** [**pdf**] User Guide MPG Series, MPG Series PC Case, PC Case, Case

References

- [**User Manual**](#)