



msi MAG FORGE M100R Gaming Case User Guide

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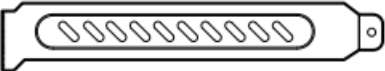
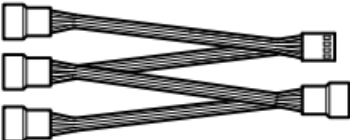
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msi MAG FORGE M100R Gaming Case



Accessories

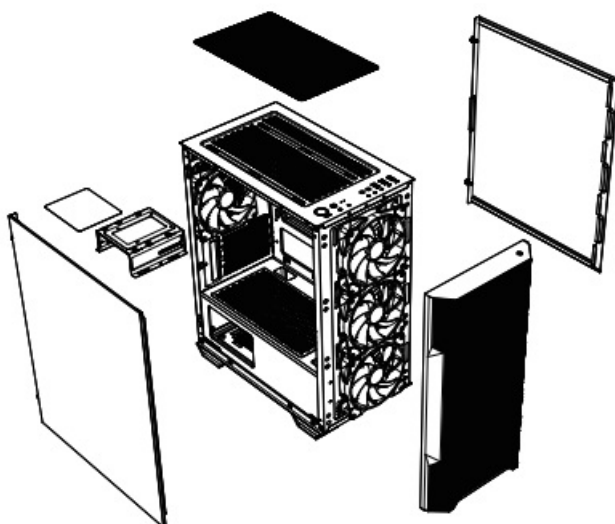
Item	Name / Q'ty	Used for
	Cable ties x5	Cable management
	PCIe slot covers x2	PCI slot protection
	1 to 4 fan splitter cable x1	Connecting 4 fans
[Only for MAG FORGE M100R]		
	Fan screws x2	Front 120/140mm fan
	Screw #6-32 10mm x2	Securing drive tray
	Screw #6-32 6.5mm x4	Motherboard stud
	Screw #6-32 6mm x6	PSU / PCIe card
Item	Name / Q'ty	Used for
	Screw #6-32 5mm x4	3.5" HDD
	Screw M3 5mm x17	Motherboard / SSD
	Screw #6-32 4mm x3	3.5" HDD

Specification

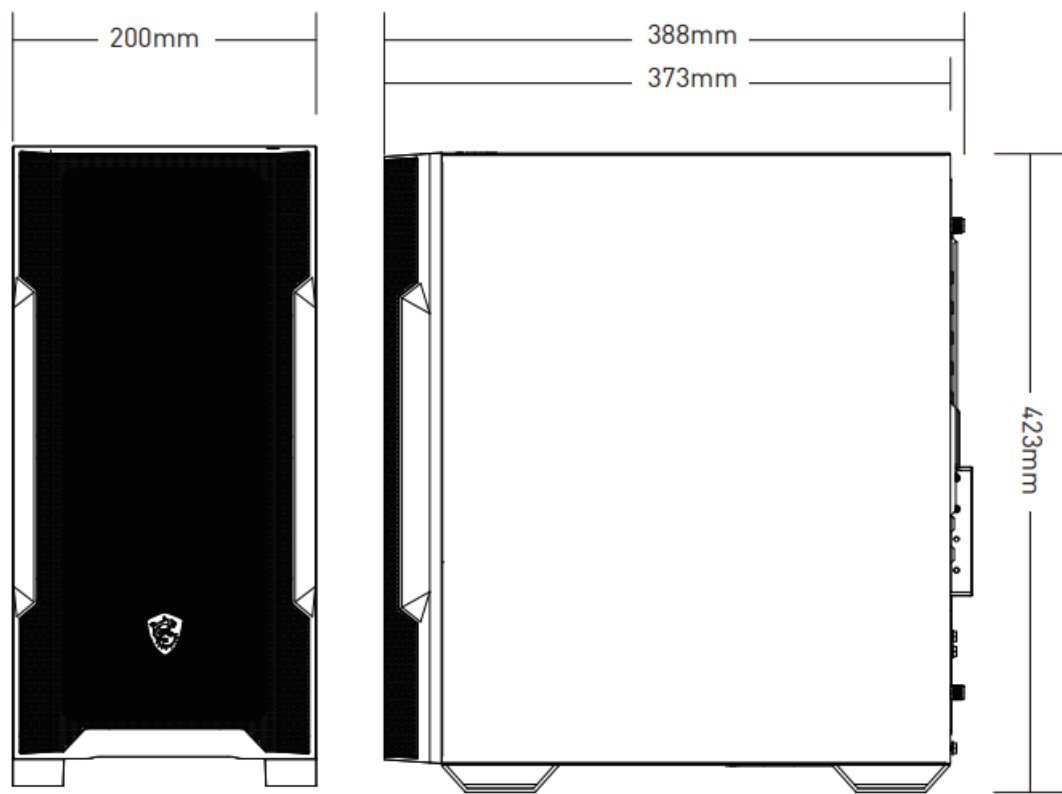
Size	Micro ATX Tower
Fan LED Controller	1 to 6 ARGB (3 pin) Control Board (MAG FORGE M100R)
Pre-Installed Fan	MAG FORGE M100R Front: 3 x 120mm ARGB fan Rear: 1 x 120 mm ARGB fan MAG FORGE M100A Front: 3 x 120mm Auto RGB fan Rear: 1 x 120 mm Auto RGB fan
Material	Chassis: Steel (SPCC 04/045 mm) Front Bezel: Plastic + Mesh Right Side Panel: Steel MAG FORGE M100R Left Side Panel: Tempered glass MAG FORGE M100A Left Side Panel: Transparent acrylic
Dust Filters	Top: Magnetic frame dust filter PVC mesh Bottom dust filter
Fan Support	Top: 2 x 120 mm Front: 3 x 120 mm Rear: 1 x 120 mm
Drive Bays	2 x 25" SSD mounting brackets 2 x 35" HDD trays
Expansion Slots	Supports 4 expansion slots
IO Panel	1 x Power button 1 x Reset button 1 x Power indicator 1 x Mic-in 1 x Audio-out 2 x USB 20 Type-A 2 x USB 32 Gen1 Type-A 1 x LED switch button (The LED switch function is only applicable to the MAG FORGE M100R.)

Radiator Support	Top: 120/ 240 mm Front: 120 / 240 mm Rear: 120 mm
Clearance	CPU Cooler Height: Max 160mm (6.3 inch) Graphics Card Length: Max 300 mm (11.81 inch) PSU Length: ATX 180mm (7.09 inch) Max 300 mm (11.81 inch) without 3.5" HDD tray installed
Case Dimensions	388(D) x 200(W) x 423(H) mm 15.28(D) x 7.87(W) x 16.65(H) inch
Motherboard Support	M-ATX / ITX

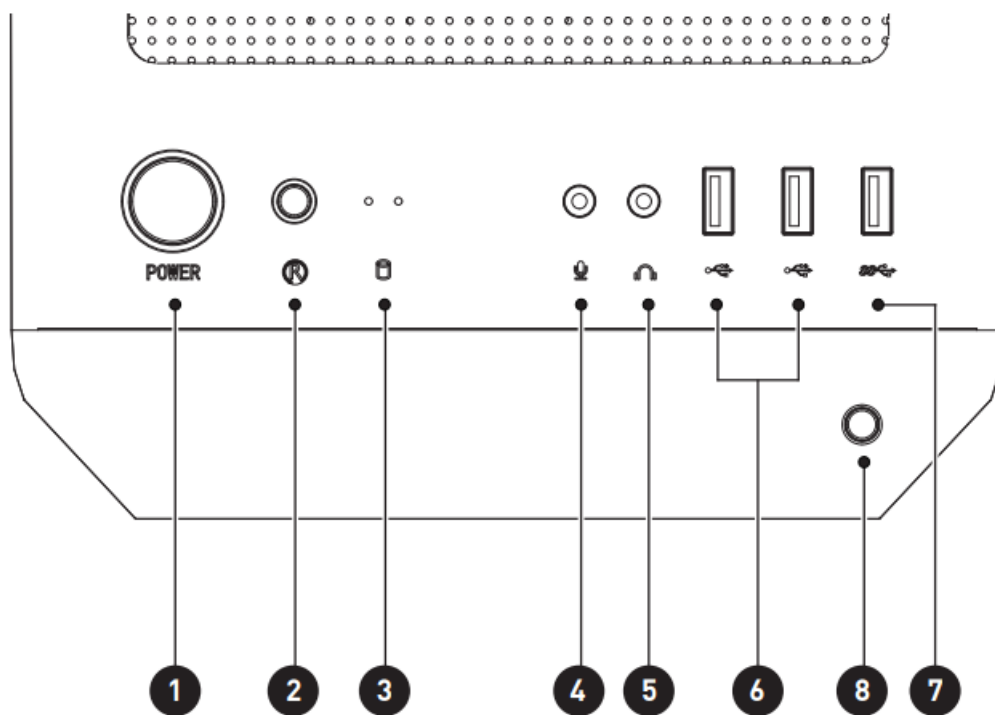
Case Features



Side & Front View



IO Panel

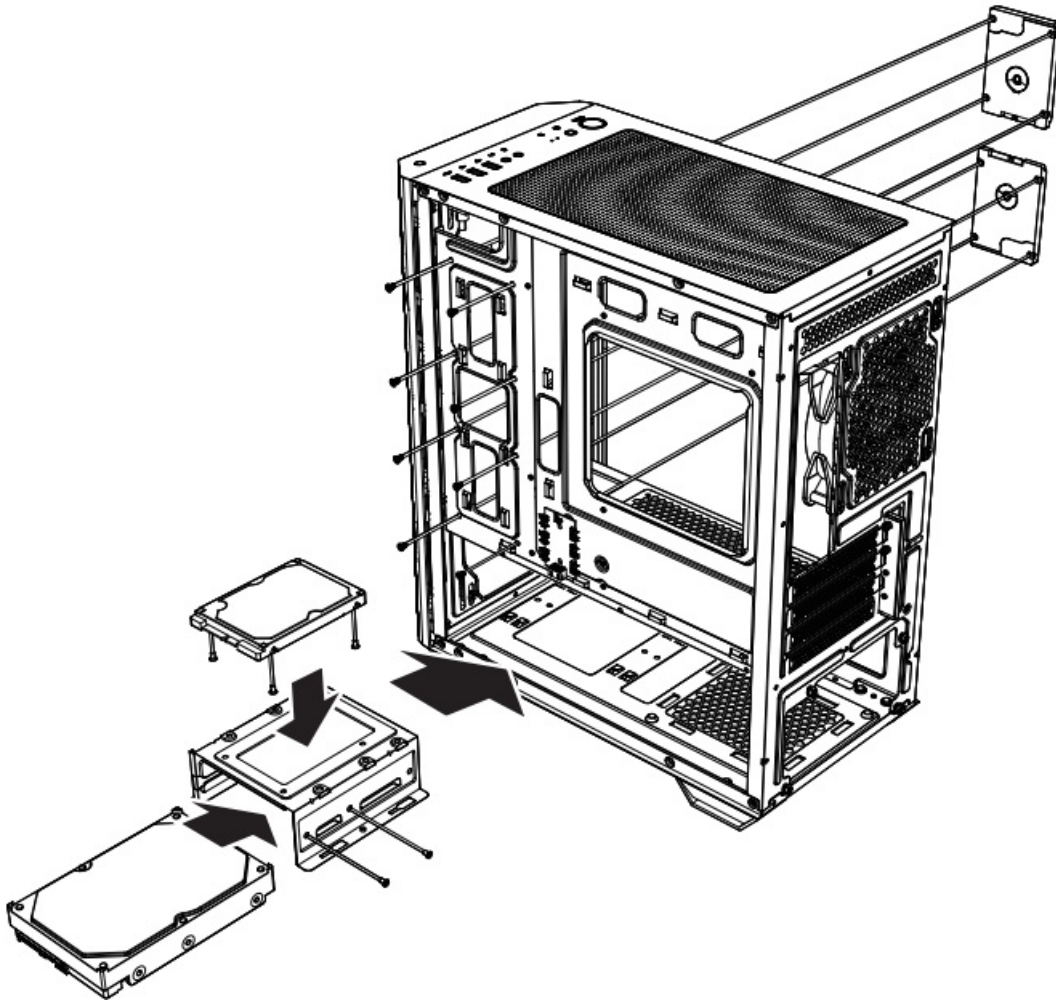


1. Power button
2. Reset button
3. Power indicator
4. Mic-in
5. Audio-out
6. USB 2.0 Type-A
7. USB 3.2 Gen 1 Type-A
8. LED switch button

LED switch control description:

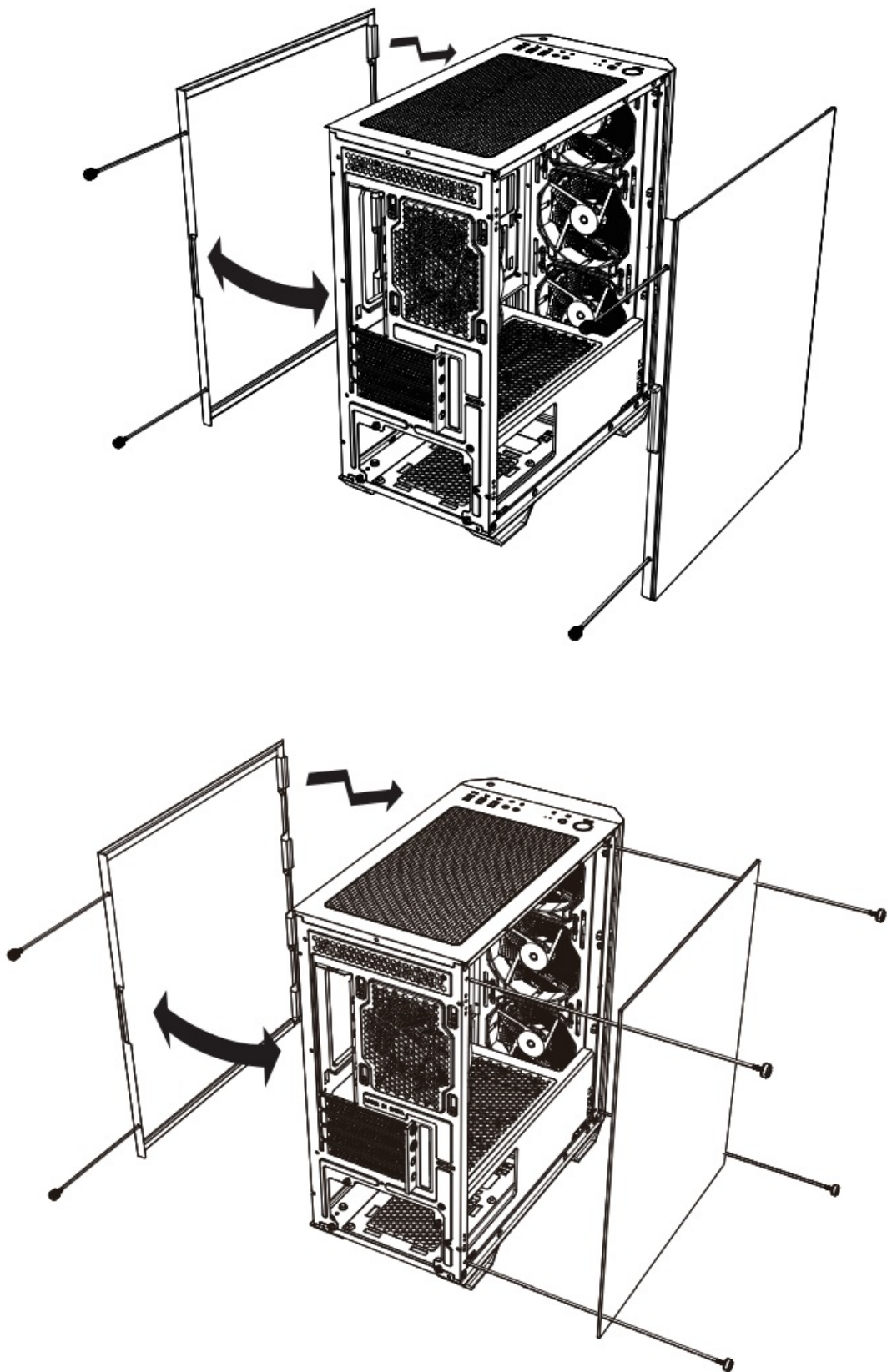
- Short press the LED switch once to switch the LED effect.
- The LED will flash white once when you press and hold the LED switch for 3 seconds, and then the MSI motherboard Mystic Light synchronization mode will be enabled. Short press once to return the Hub control mode.
- To turn off the LED, press and hold the LED switch for 6 seconds.

SSD & HDD Installation

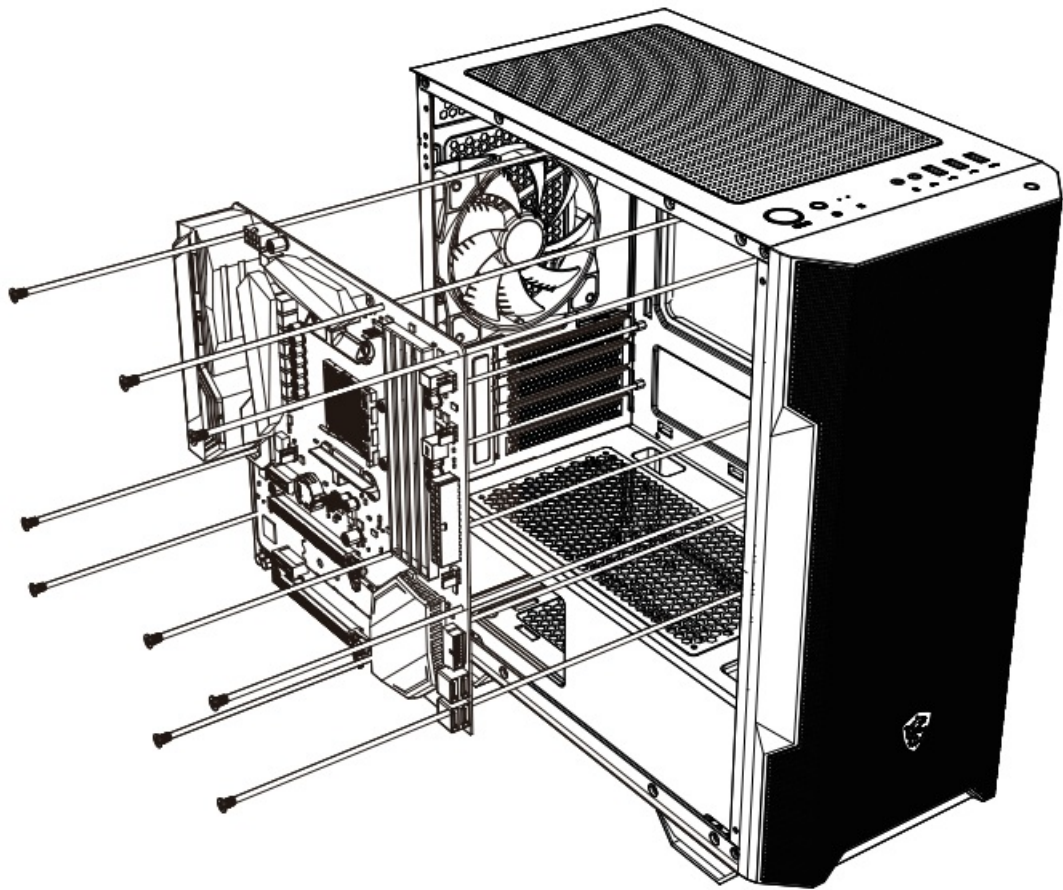


Opening the Left & Right Side Cover

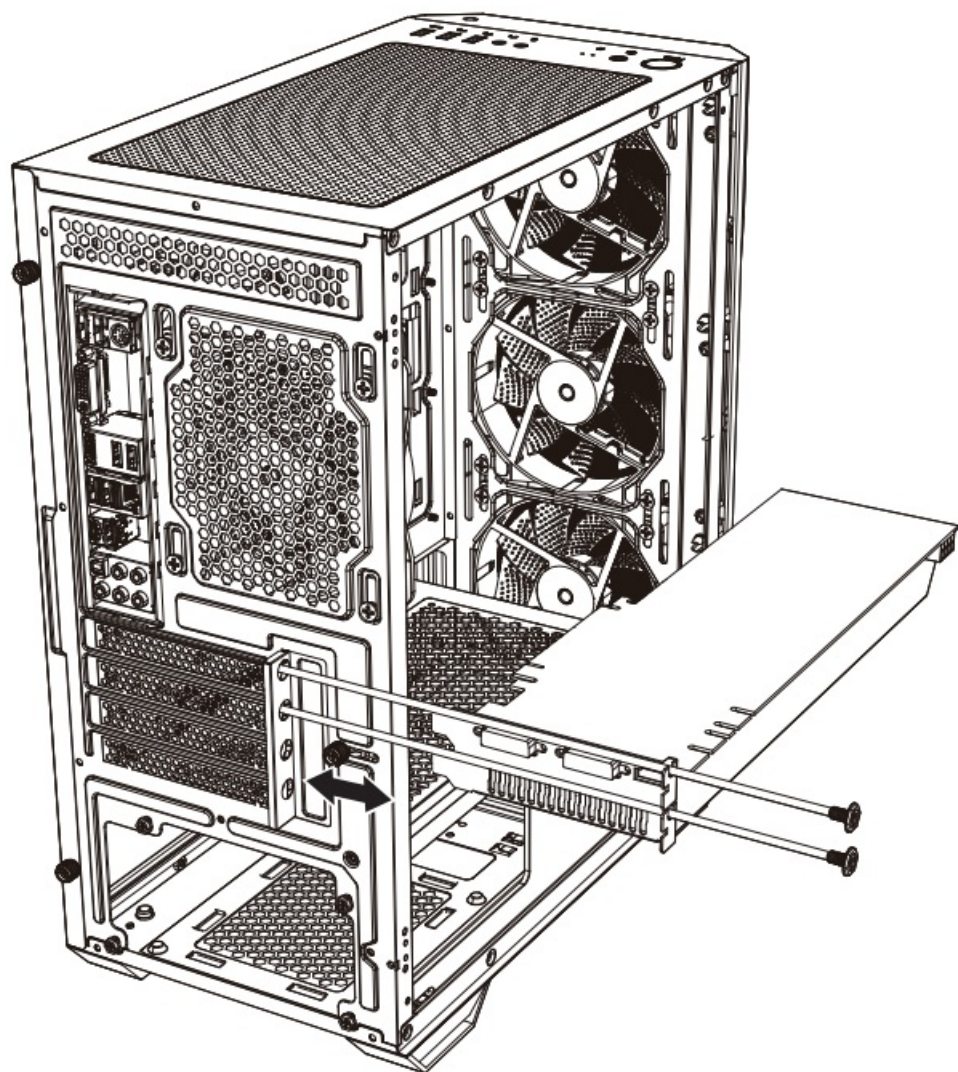
MAG FORGE M100R



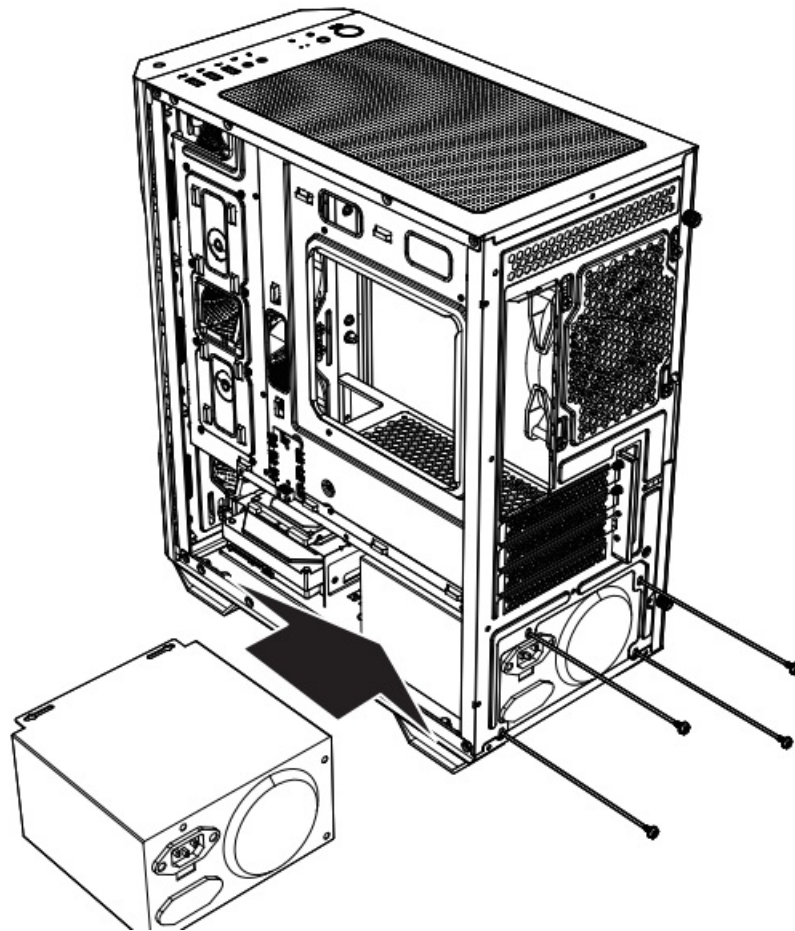
Motherboard Installation



Graphics Card Installation



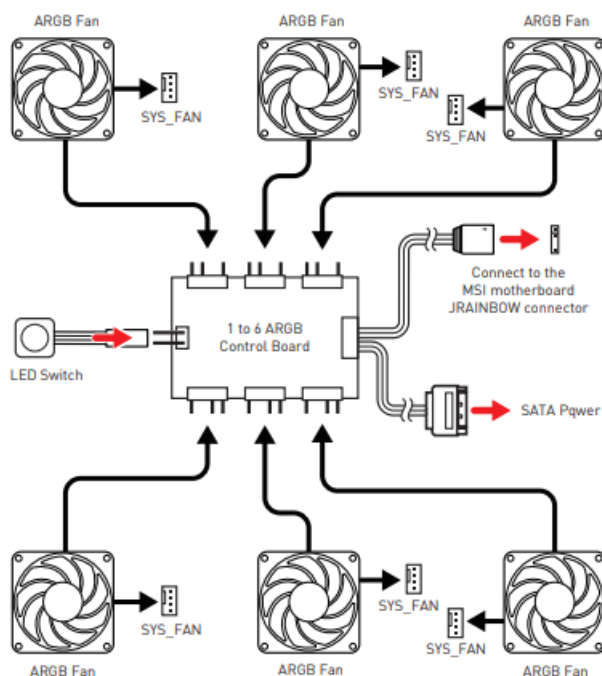
PSU Installation



Control Board Specification

Dimensions (mm)	50 x 30
Support LED Type	DC5V Addressable RGB LED
Connectors	1x LED switch connector 1x SATA power connector 1x MSI motherboard JRAINBOW connector 6x 3-pin ARGB LED connectors
ARGB Pin Definition	Ground Data +5V
LED Effects (1 short press the LED switch)	LED effect cycle: 1 Rainbow 2 Seven-color trailing 3 Seven-color gradient 4 Violet 5 White 6 Blue 7 Cyan 8 Green 9 Yellow 10 Red 11 Rainbow breathing 12 Red breathing 13 Yellow breathing 14 Green breathing 15 Cyan breathing 16 Blue breathing 17 White breathing 18 Violet breathing 19 Fixed rainbow 20 Red 21 Yellow 22 Green 23 Cyan 24 Blue 25 White 26 Violet

ARGB Fan Connection



Documents / Resources



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MAG FORGE M100A
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