



N127 127

Mid Tower

User Manual



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127 / N127 Product Video

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N127

127

Mid Tower

Product Story

The N127 features a Nebula front panel that is filled with crystal, shimmering stars, creating a dazzling display, while the 127 has a subtle ARGB logo, greeting users with a modest pop of color. The steel mesh front panel ensures plenty of airflow is distributed throughout the enclosure and the screwless tempered glass window will protect and showcase your components.

Specifications

127 / N127

Model	127	N127
Model Number	IW-CS-127BLK	IW-CS-N127BLK-1AL120
Colors	Black	
Case Type	Mid Tower	
Materials	SECC, ABS, PC, Tempered Glass	
M/B Compatibility	12" x 10.5" ATX, Micro-ATX, Mini-ITX	
Expansion Slots	7 x PCI-E	
Maximum Compatibility	VGA Card Length: 345 – 370 mm	
	CPU Heatsink Height: 160 mm	
I/O Ports	1 x USB 3.2 Gen 2x2 Type-C	
	2 x USB 3.2 Gen 1	
	HD Audio	
Internal Drive Bays	2 x 3.5" / 2.5"	
	2 x 2.5"	
Thermal Solution Compatibility	Air Cooling Fans:	
	Front: 2 x 120 mm	
	Rear: 1 x 120 mm	
	Bottom: 3 x 120 mm	
	(N127 has one pre-installed Luna AL120 Fan)	
	Water Cooling Radiator:	
Power Supply Compatibility	Front: 1 x 240 mm	
	Rear: 1 x 120 mm	
	Bottom: 1 x 360 mm	
	PSII: ATX12V	
	- Length up to 200 mm	
Product Dimensions (L x W x H)	476 x 210 x 445 mm	
	18.7 x 8.3 x 17.5"	
Package Dimensions (L x W x H)	532 x 282 x 506 mm	
	20.9 x 11.1 x 19.9"	
Net Weight	8.3 kg / 18.3 lbs	8.7 kg / 19.2 lbs
Gross Weight	9.4 kg / 20.7 lbs	9.8 kg / 21.6 lbs

* InWin's products comply with RoHS regulation.
* Specifications may vary based on different regions.



Specifications

InWin Luna AL120 Fan

Model	Luna AL120
Colors	Black
Fan Size	120 x 120 x 25 mm
Materials	PC, PBT
Rated Voltage	DC 12V
Rated Power	3.96W
Rated Current	0.33A
ADD RGB Rated Voltage	DC 5V
ADD RGB Rated Power	1.5W
ADD RGB Rated Current	0.3A
Speed Mode	PWM 600-1800 +/-10% RPM
Air Flow	82.96 CFM
Air Pressure	2.31 mm / H2O
LED	Addressable RGB
Connector (Fan to Fan)	Non-Modular Cables
Connector to M/B	4-Pin (PWM, 12V), 3-Pin (ARGB, 5V)
Noise Level	25 dB(A) (Normal)
Bearing Type	Long Lifespan Sleeve Bearing

* InWin’s products comply with RoHS regulations.

* Specifications may vary based on different regions.



Package Contents

127 Chassis



N127 Chassis








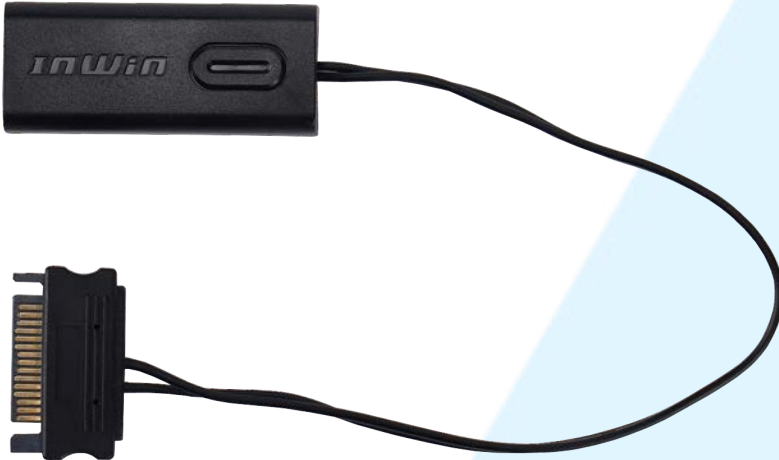


QR Code Card

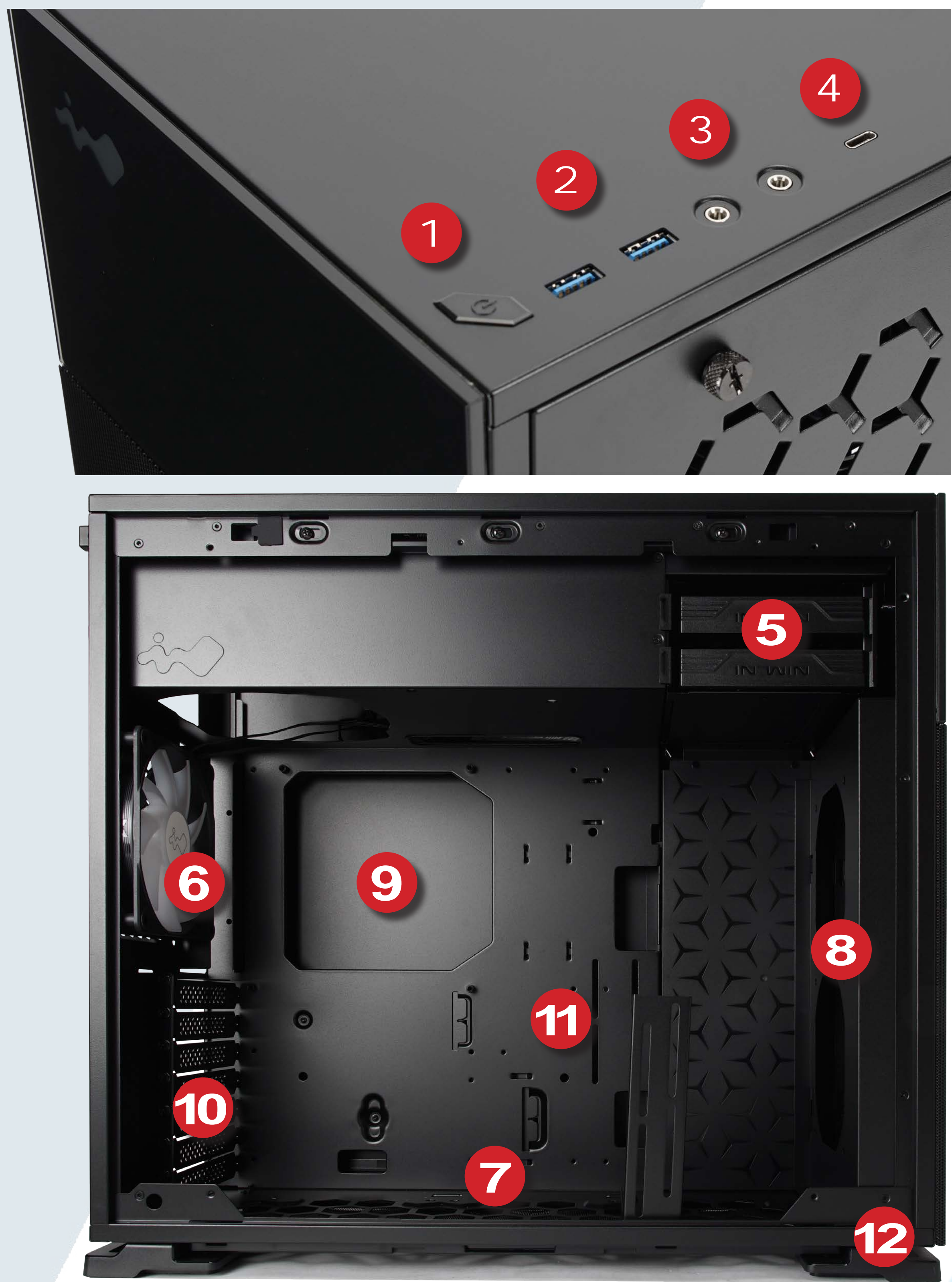


Accessories Bag



Hexagon Head Screws	Motherboard Stand-Offs	Motherboard Stand-off Socket
 x 18	 x 7	 x 1
2.5" HDD Screws	Washer	Cable Ties
 x 12	 x 8	 x 10
Graphics Card Anti-Sag Support	ARGB One-Click Controller	
 x 1	 x 1	

Case Structure



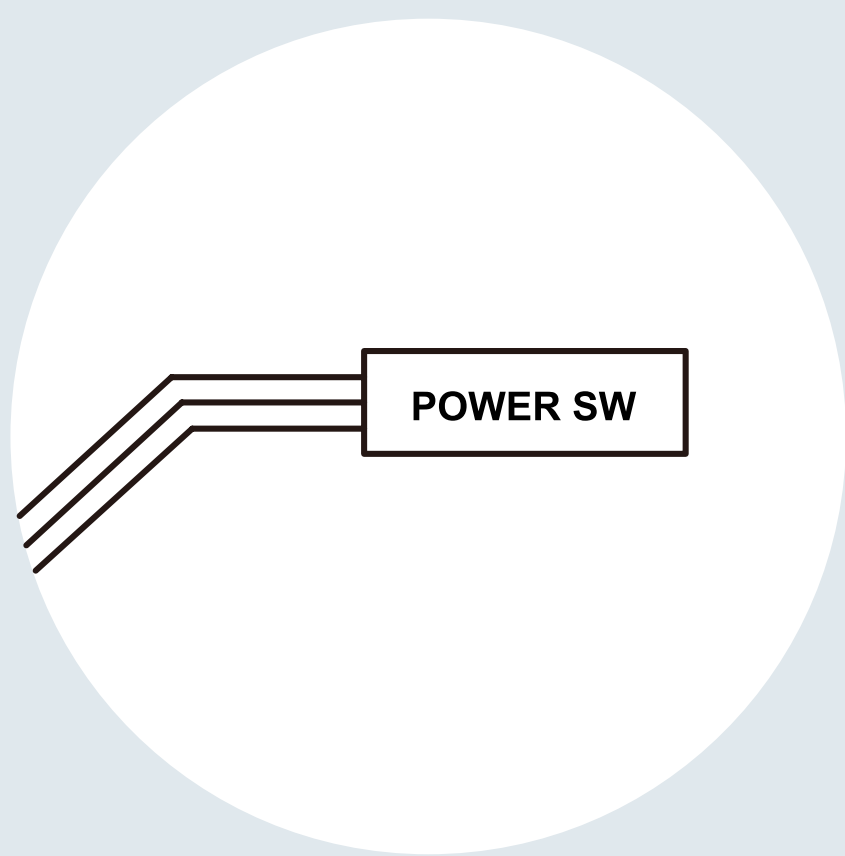
1	Power Button
2	USB 3.2 Gen 1
3	Audio Ports (Earphone and Microphone)
4	USB 3.2 Gen 2x2 Type-C
5	3.5" / 2.5" Drive Bays
6	Rear Fan / Radiator Mounting Area
7	Bottom Fan / Radiator Mounting Area
8	Front Fan / Radiator Mounting Area
9	Motherboard Mounting Area
10	PCI-E Expansion Slots
11	Extra PCI-E Supporting Mounting Hole
12	Shock-Proof Stands

Case Structure

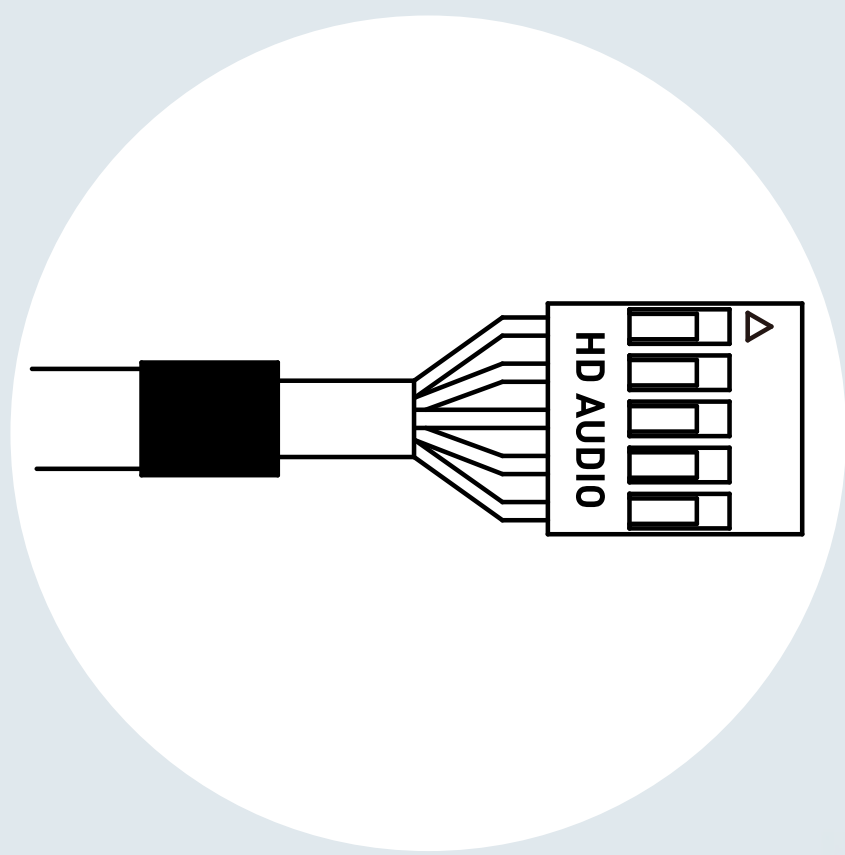


13	Fan Dust Filter
14	2.5" Drive Bays
15	Power Supply Mounting Area

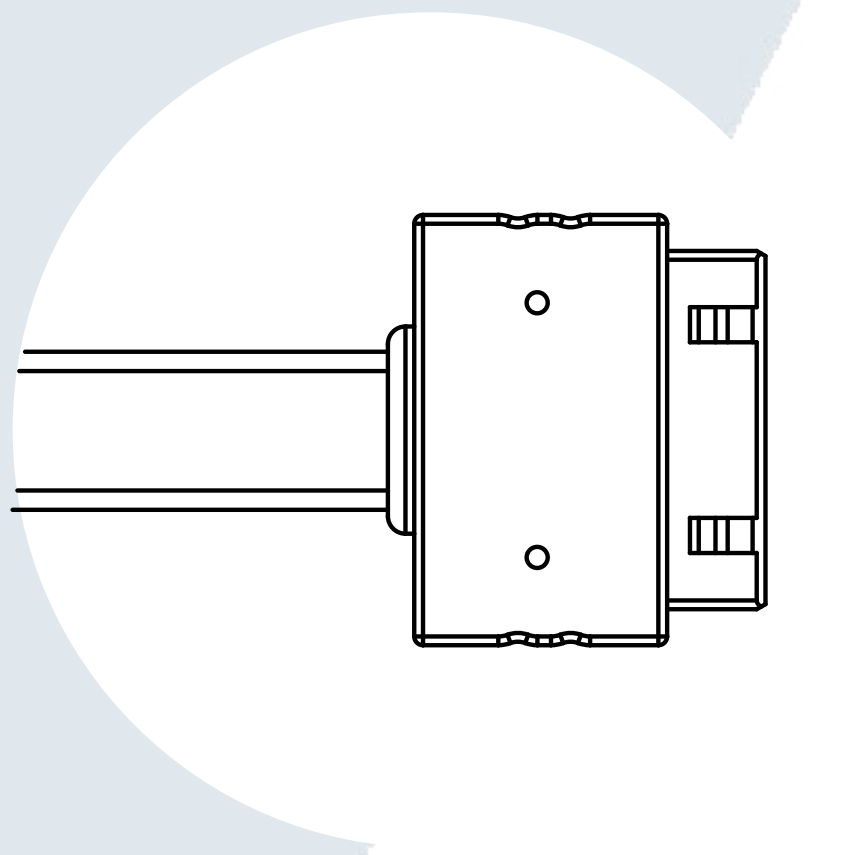
Cable Information



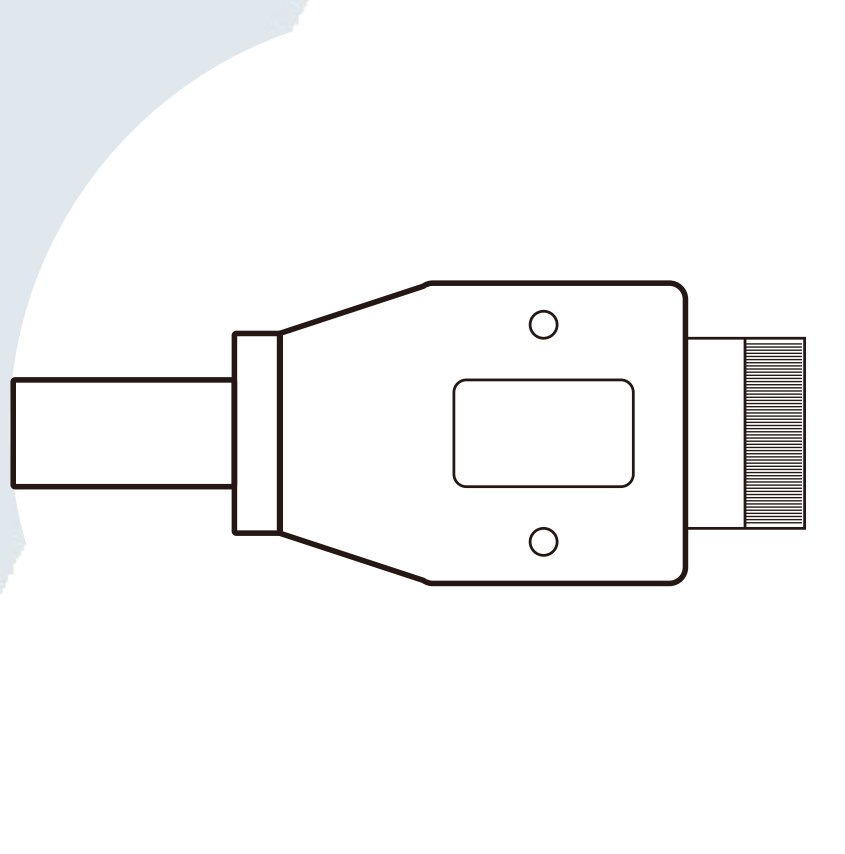
**Power Switch
x1**



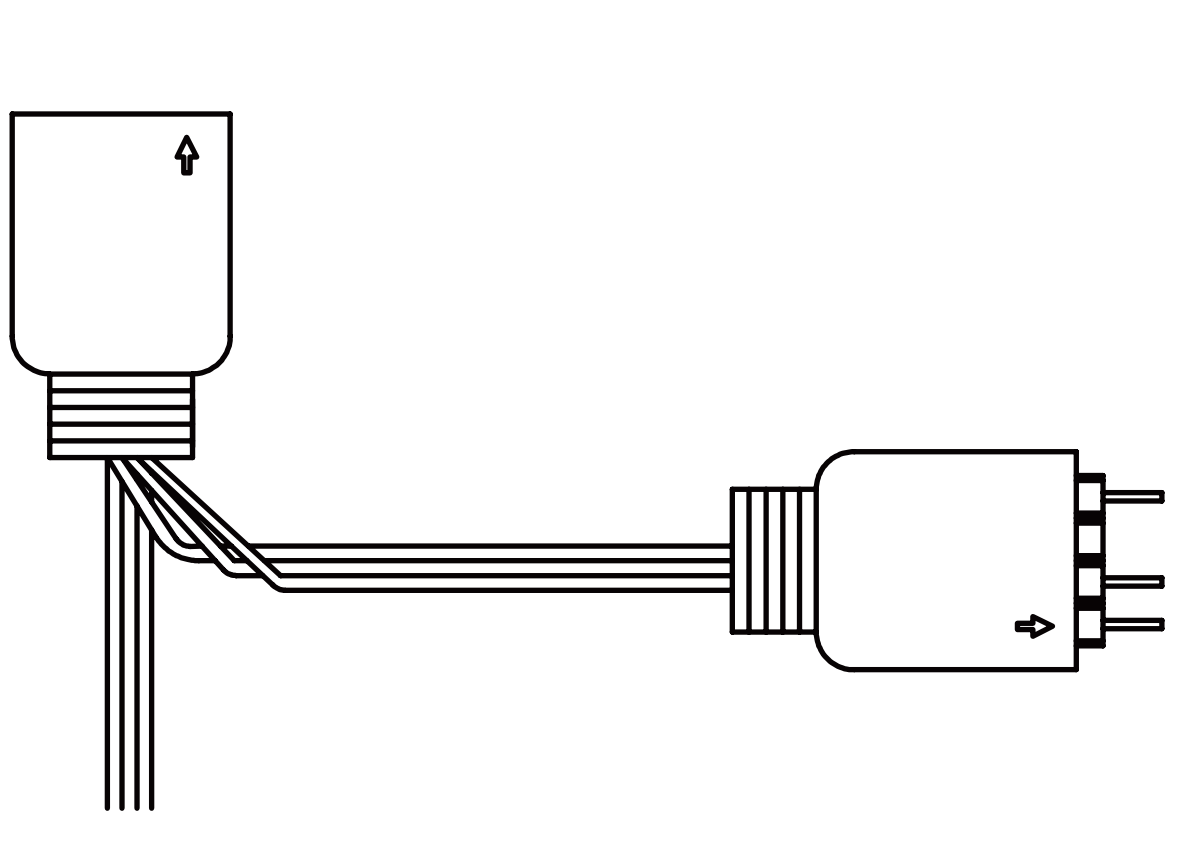
**HD Audio
x1**



**USB 3.2 Gen 1
x1**



**USB 3.2 Gen 2x2 Type-C
x1**



**ARGB Cable
x1**

Installation Guide

* Please follow the related chapters to assemble.

* Please use original provided accessories to avoid damage to the product.

1

Opening the tempered glass side panel

Press the Quick-Release Button to remove the tempered glass side panel. Caution: Be aware of possible sudden releases of the glass panel when opening it. You can also use this feature as a locker. Keep hardware safe by adding a lock.



2

Power Supply Installation

Parts Required: Hexagon Head Screws

Power Supply can be mounted to the top bracket.



Installation Guide

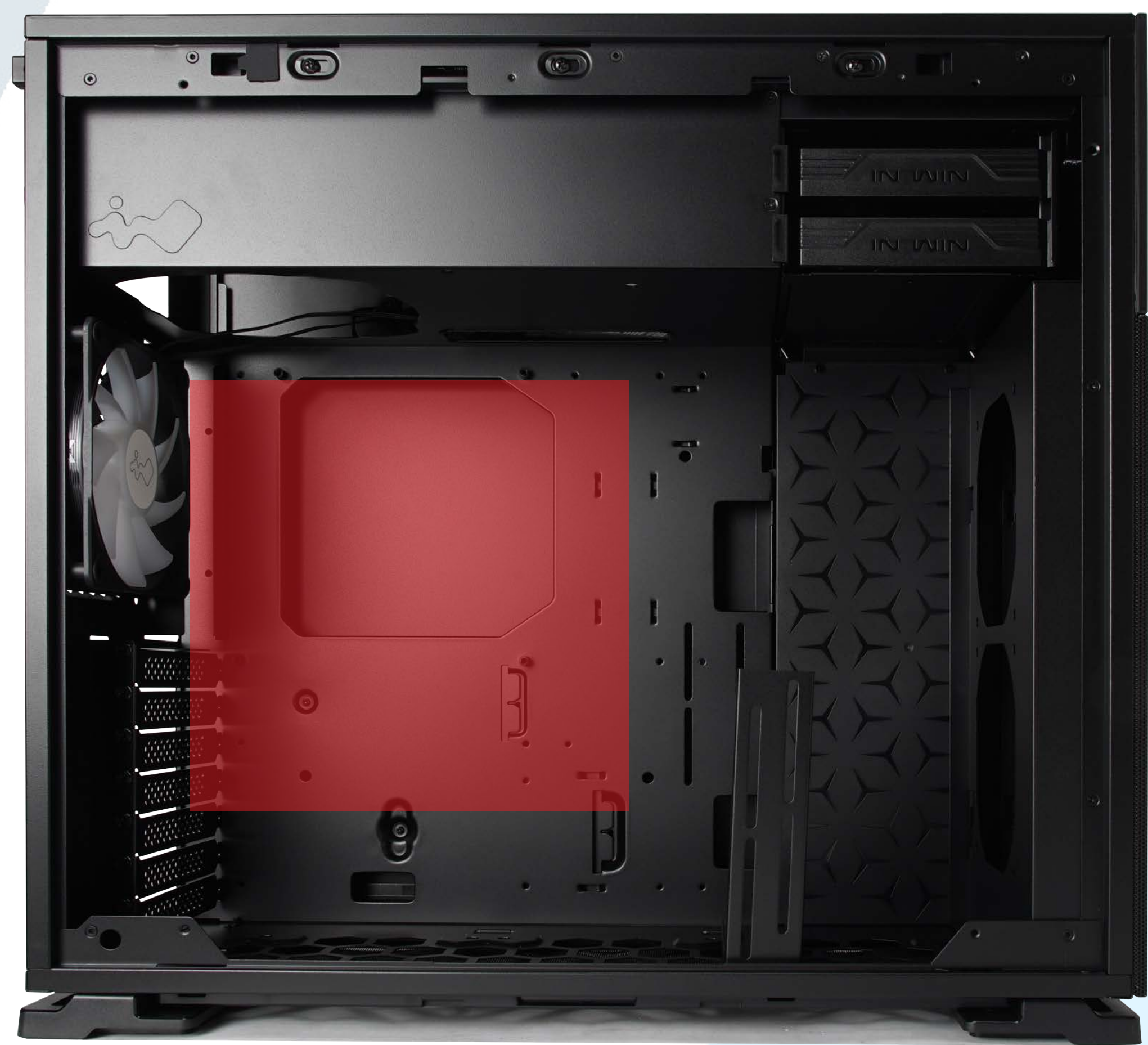
3 Removing the Dust Filter and Graphics Card Holder

It is recommended to remove the Graphics Card Holder when installing/removing your motherboard or graphics card.



4 Motherboard Installation

Parts Required: Motherboard Stand-Offs, Motherboard Stand-Off Socket, Hexagon Head Screws

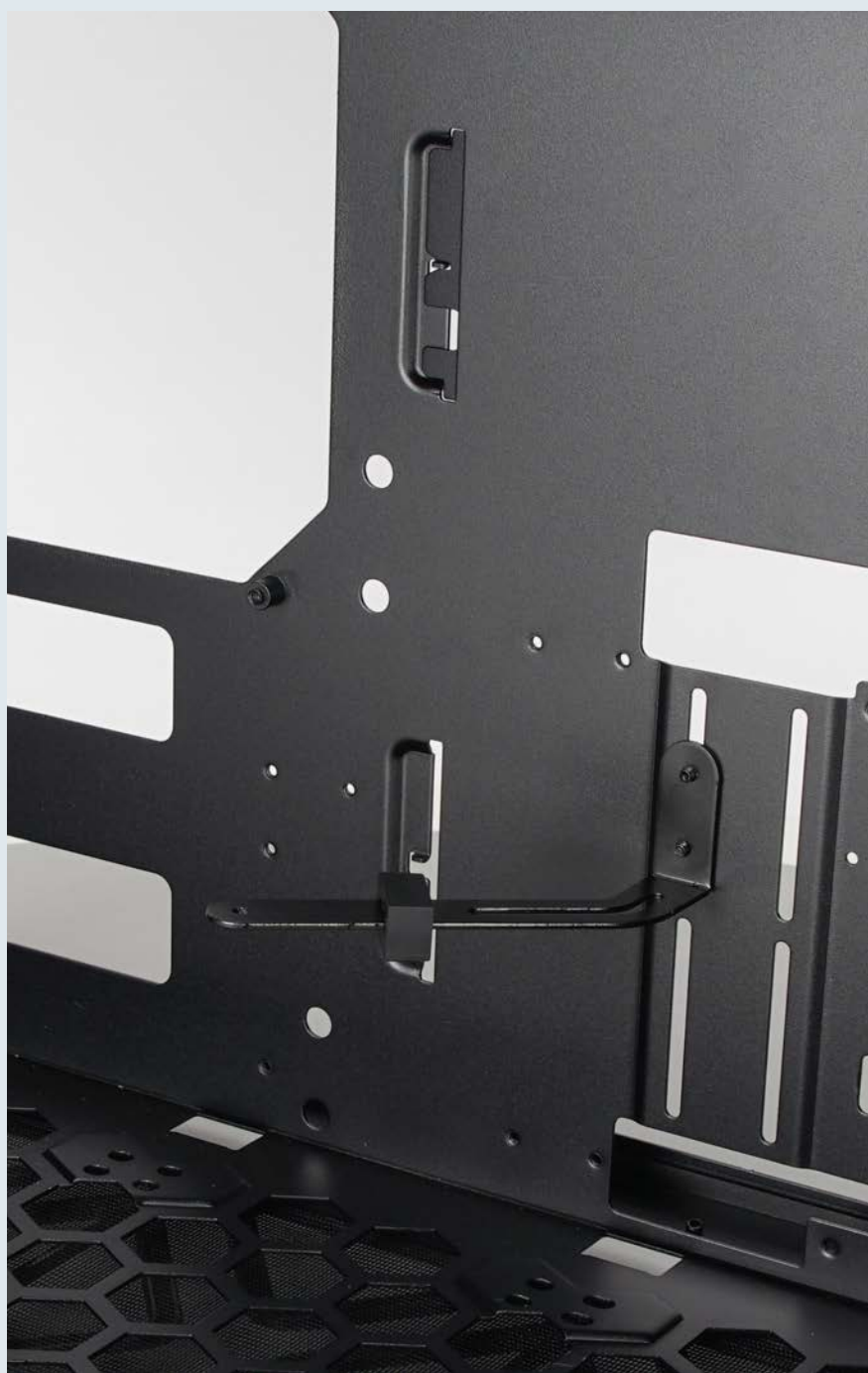


Installation Guide

5

Expansion Card Installation

Parts required: Hexagon Head Screws, GPU Anti-Sag Support



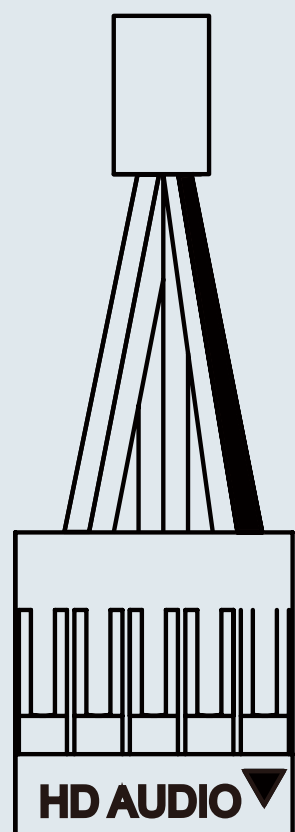
- *There are multiple ways to install the GPU Anti-Sag Support.
- *Please consider that the installation of the bracket may affect the placement of the bottom fans/radiator and other components of your build.
- *Use the adjustable GPU Anti-Sag Rubber Pad to eliminate friction between your Expansion Card and the bracket.



Installation Guide

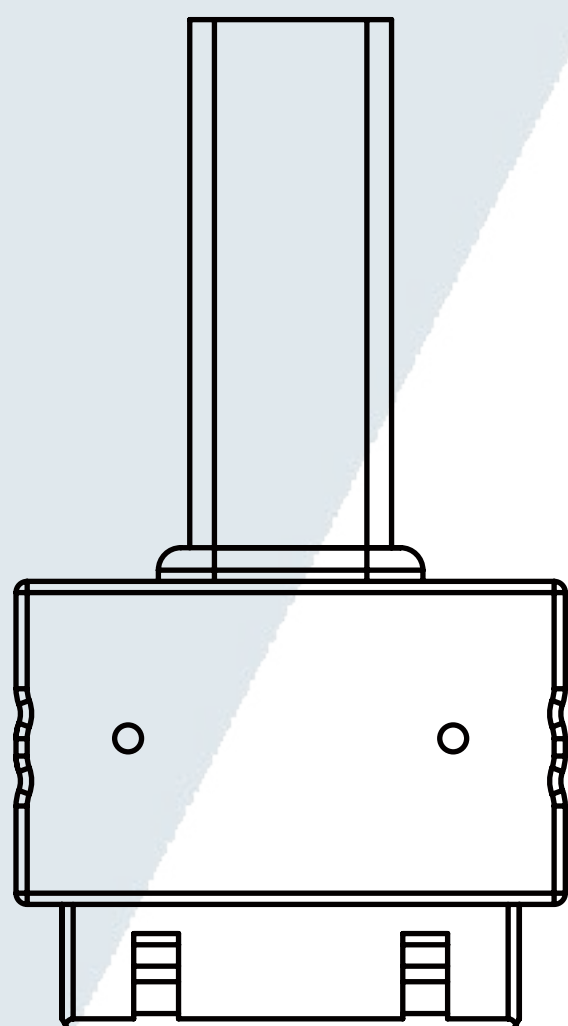
6 I/O Wires Installation

HD Audio Header



PORT2_L	BLUE	10	9	BROWN	SENSE2_R
SENSE_SEND	PURPLE	8	7		KEY
PORT2_R	YELLOW	6	5	WHITE	SNAS1_R
PORT1_R	RED	4	3	ORANGE	PRESENCE#
PORT1_L	GREEN	2	1	BLACK	GND

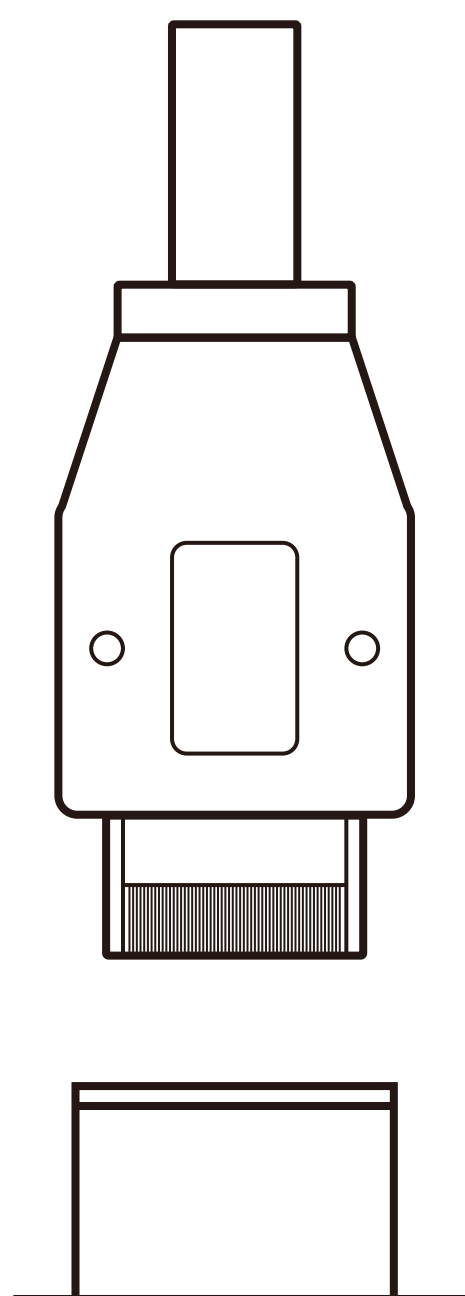
USB 3.2 Gen 1



The diagram shows a USB Type-C connector with pins numbered 1 to 19. The pins are arranged in a 19-pin configuration. The pin assignments are as follows:

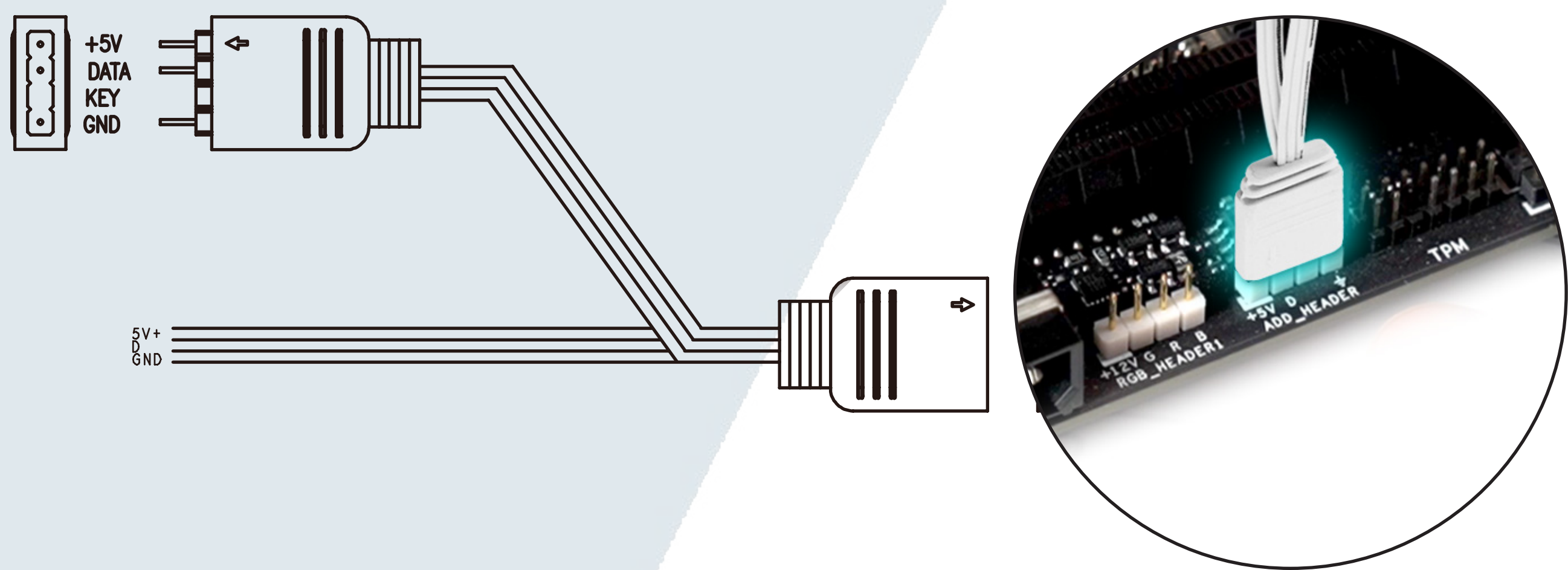
Pin Number	Signal Name
1	Vbus
2	IntA_P1_SSRX-
3	IntA_P2_SSRX+
4	GND
5	IntA_P1_SSTX-
6	IntA_P1_SSTX+
7	GND
8	IntA_P1_D-
9	IntA_P1_D+
10	ID USBOC-
11	IntA_P2_D+
12	IntA_P2_D-
13	GND
14	IntA_P2_SSTX+
15	IntA_P2_SSTX-
16	GND
17	IntA_P2_SSRX+
18	IntA_P2_SSRX-
19	Vbus

USB 3.2 Gen 2x2 Type-C

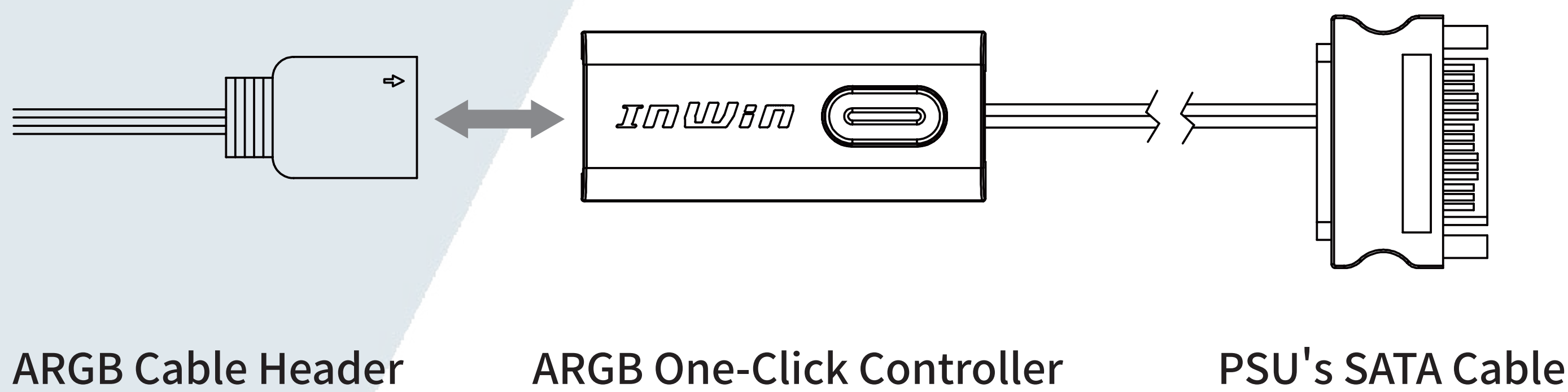


Installation Guide

Front Panel ARGB Cable



If your motherboard does not support ARGB effects, please use the included ARGB One-Click Controller.



ARGB Cable Header

ARGB One-Click Controller

PSU's SATA Cable

7 2.5"/ 3.5" Drive Bays Installation



Installation Guide

8 2.5" Drive Bays Installation

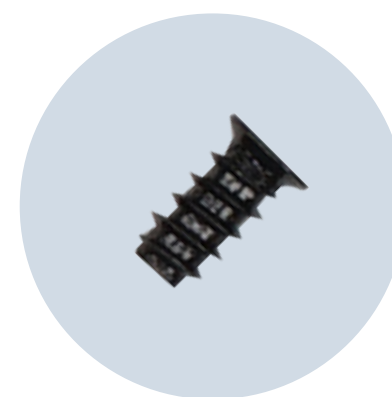
Parts required: 2.5" HDD Screws



Installation Guide

9 Removing the Front Fans Mounting Bracket

Remove the screws. Gently lift the bracket and slide it out.



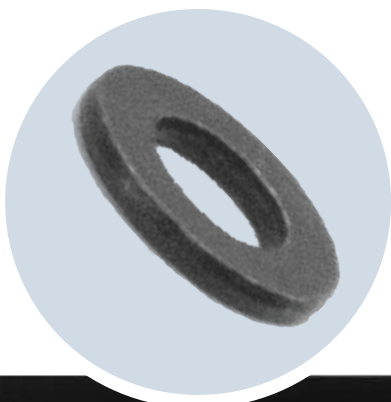
Attach the fans/radiator to the mounting bracket and secure the bracket back in the chassis.



Installation Guide

10 Fan / Liquid Cooling Radiator Installation

Parts required: Water-cooling System Washers



N127 127

Notices and Warranty

Notices

1. Install in accordance with the user manual's instructions and safety warnings. Incorrect installation may result in burning out the motherboard and other system components.
2. To avoid damaging any circuits, please make sure the power is off before assembling any internal device.
3. When installing the computer components, please use the antistatic precautions to prevent ESD (electrostatic discharge) damage. This can cause injury to the installer and/or damage to the machine.
4. When the side panels are opened, please do not put your hands or other objects into the fans or other parts in operation. And please make sure to keep away from children and pets.
5. Please avoid unnecessary insertions and extractions to the addressable cable as it may damage the pins.
6. To avoid any damages, please do not use this product for any other purpose than its intended use.
7. Any modifications may damage the product.
8. Please remove all internal devices before shipping or moving. (Including power supply, hard drives, motherboard, CPU, etc)
9. Keep this product away from areas with high temperatures such as: heat dissipation machines, air conditioners or other machines which may generate high temperatures.
10. Please use only this product's exclusively supplied cables. Other cables may not be compatible and could cause serious damage to your system and power supply.

Warranty

1. For more detailed warranty information, please visit the InWin retail website at www.in-win.com.
2. The actual product is subject to change without prior notice. In Win Development Inc. reserves the right to make any final modifications.



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