

User Manual



N515
515

Product Video Information



515/N515 Product Video



515/N515 Installation Video

Table of Contents

Product Story04

Specifications05

Package Contents06

Case Structure07

Cable Information09

Installation Guide10

Notices and Warranty18



N515

515



Product Story

The 515 is a stunning computer chassis crafted from 1.2 mm SECC steel and tempered glass. The distinctively clean panels are complemented with mesh to increase ventilation. In addition to the 515, the N515 has a front panel showing an infinite crystal universe where light extends in all directions! Both cases are prebuilt with a LUNA addressable RGB fan that will cool your system in style!

Specifications

Model	515	N515
Model Number	IW-CS-515BLK-1AL120	IW-CS-N515BLK-1AL120
Colors	Black	
Case Type	Mid Tower	
Materials	SECC, ABS, Tempered Glass	
M/B Compatibility	12” x 13” E-ATX, ATX, Micro-ATX, Mini-ITX	
Expansion Slots	7 x PCI-E	
Maximum Compatibility	VGA Card Length: 385 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 Combo+Mic	
Internal Drive Bays	2 x 3.5” / 2.5” 2 x 2.5”	
Thermal Solution Compatibility	Air Cooling Fans: Top: 3 x 120 mm Rear: 1 x 120 mm Bottom: 3 x 120 mm Front: 2 x 120 mm (1 InWin Luna AL120 Fan Included)	
	Water Cooling Radiator: Top: 1 x 360 mm Rear: 1 x 120 mm Bottom: 1 x 360 mm (Slimm) (Remove Graphic Cards Holder) Front: 1 x 240 mm	
* Number of fans pre-installed may vary based on different regions.		
Power Supply Compatibility	PSII: ATX12V - Length up to 200 mm	
Product Dimensions (L x W x H)	515 x 225 x 502 mm 20.3 x 8.8 x 19.7"	
Package Dimensions (L x W x H)	610 x 572 x 335 mm 24 x 22.5 x 13.1"	
Net Weight	11.38 kg	11.65 kg
Gross Weight	13.46 kg	13.73 kg

* InWin products comply with RoHS regulation.



Package Contents

515 Chassis



N515 Chassis












QR Code Card



Accessories Bag

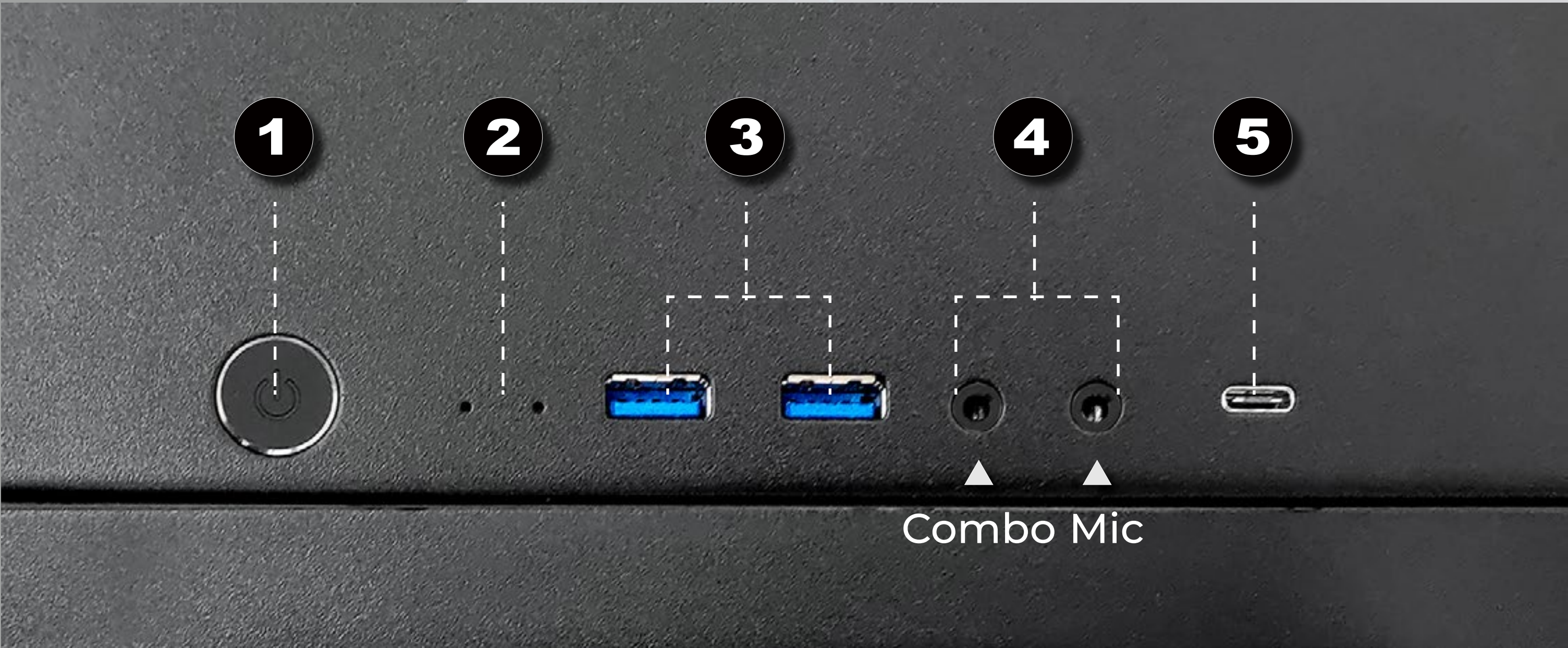


Motherboard Stand-offs	Motherboard Stand-off Socket	Hexagon Head Screws
<div></div> <div>x 10</div>	<div></div> <div>x 1</div>	<div></div> <div>x 18</div>
2.5" HDD Screws	3.5" HDD Screws	Water-Cooling System Washers
<div></div> <div>x 18</div>	<div></div> <div>x 10</div>	<div></div> <div>x 8</div>
Cable Ties	Graphics Card Holders	ARGB One-Click Controller
<div></div> <div>x 10</div>	<div></div> <div>x 1</div>	<div></div> <div>x 1</div>

Case Structure

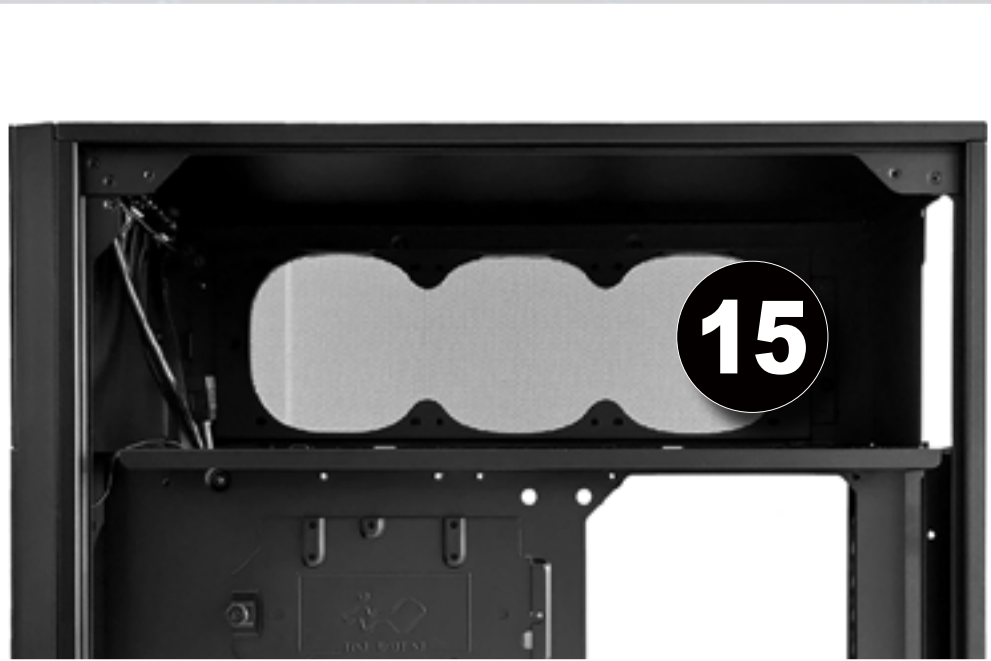
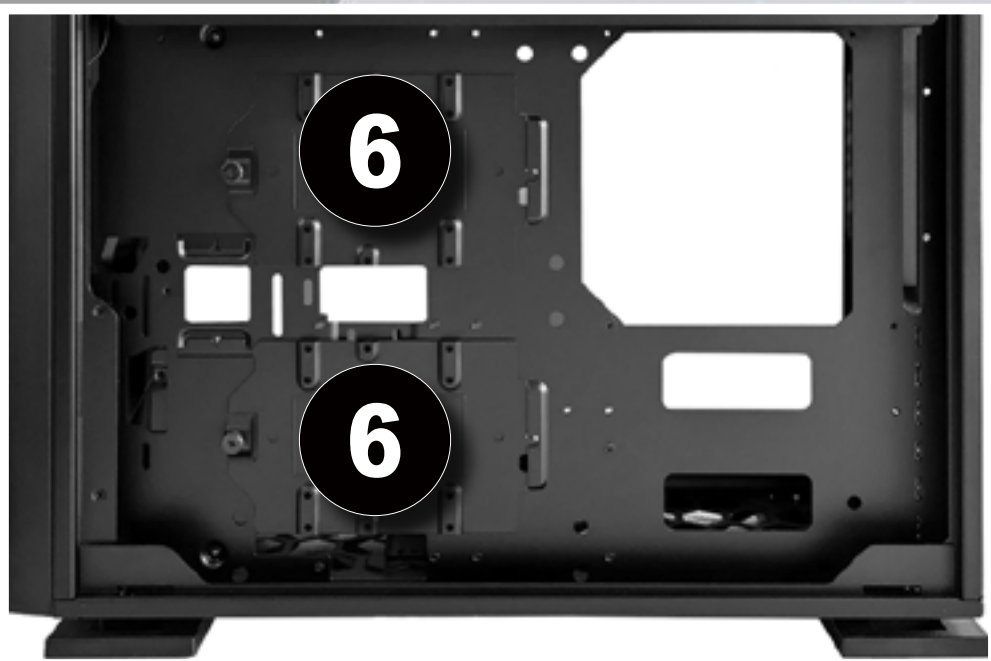


Tempered Glass



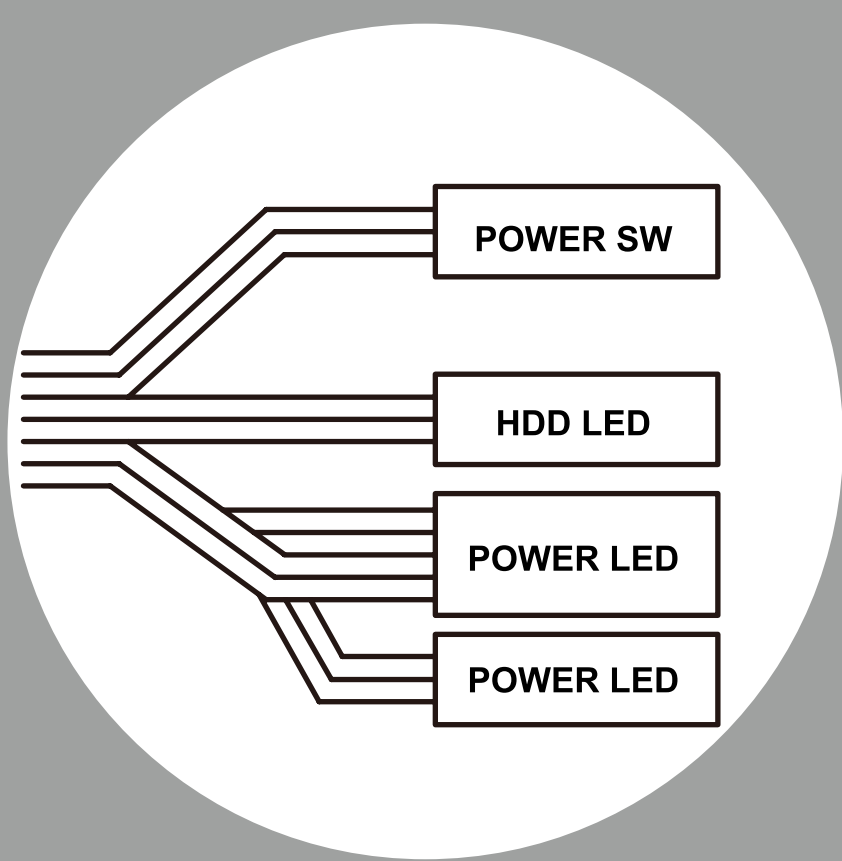
1	Power Button
2	Power/HDD LED Indicator
3	2 x USB 3.2 Gen 1 Ports
4	HD Audio Combo+Mic
5	1 x USB 3.2 Gen 2x2 Type-C Port

Case Structure

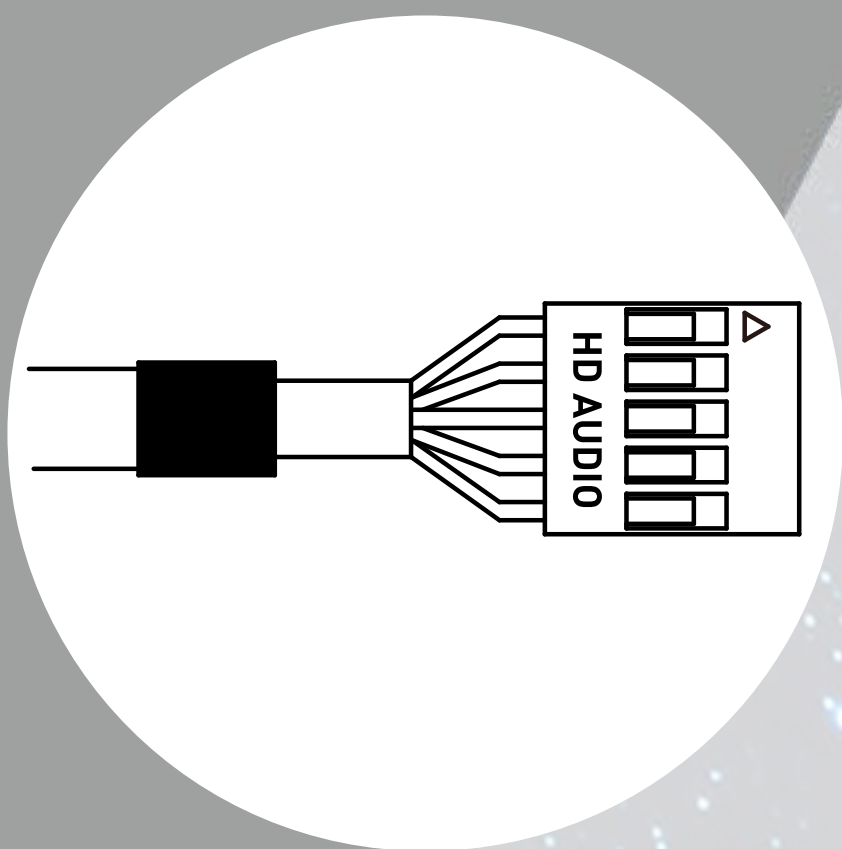


6	3.5" / 2.5" Drive Bay
7	2.5" Drive Bay
8	Top Fan/Radiator Mounting Area
9	Rear Fan/Radiator Mounting Area
10	Bottom Fan/Radiator Mounting Area
11	Front Fan/Radiator Mounting Area
12	Motherboard Mounting Area
13	PCI-E Expansion Slot
14	Graphics Card Holder Mounting Area
15	Power Supply Mounting Area
16	Fan Dust Filter
17	Shock-Proof Stand

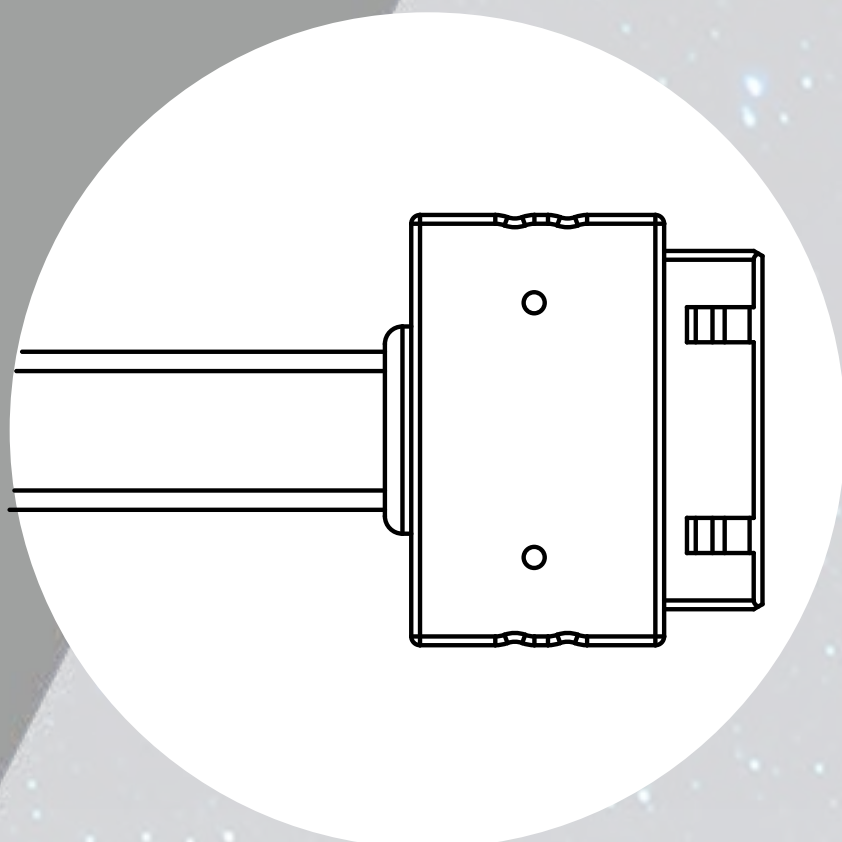
Cable Information



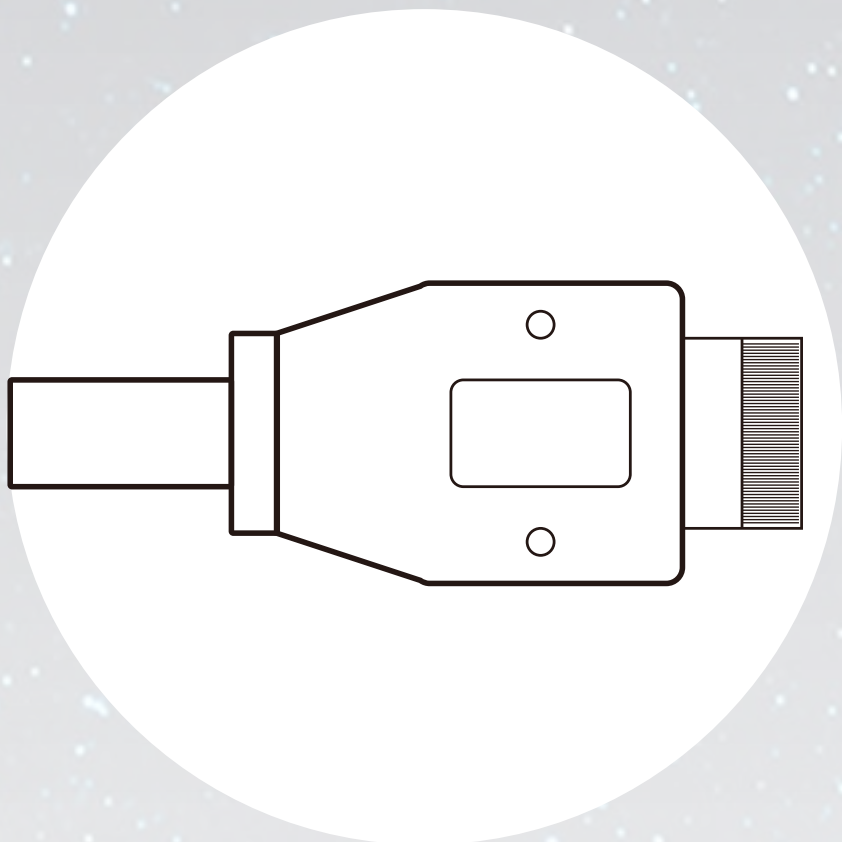
**Power Switch Cable
x1**



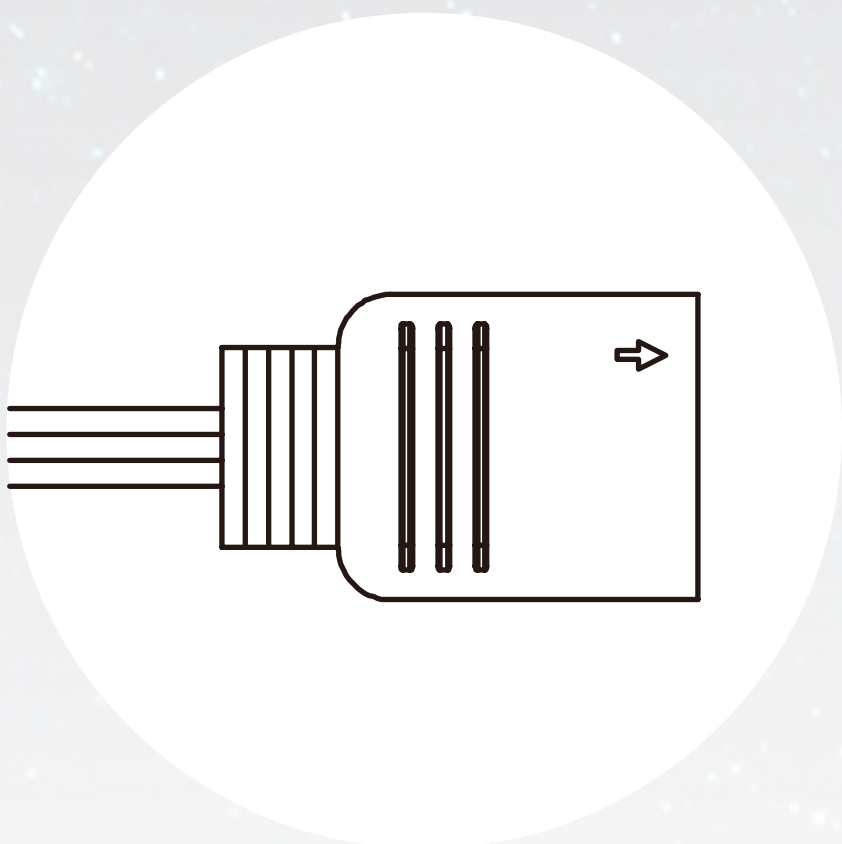
**HD Audio
x1**



**USB 3.2 Gen 1
x1**



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



**ARGB Cable
x1**

Installation Guide

(Please follow the steps to assemble)

1 Opening the Glass Panel

For the Tempered Glass Panel, please remove it by pressing the rear button.

Note: You will need to remove the Tempered Glass Panel first in order to remove the Mesh Fan Grill.



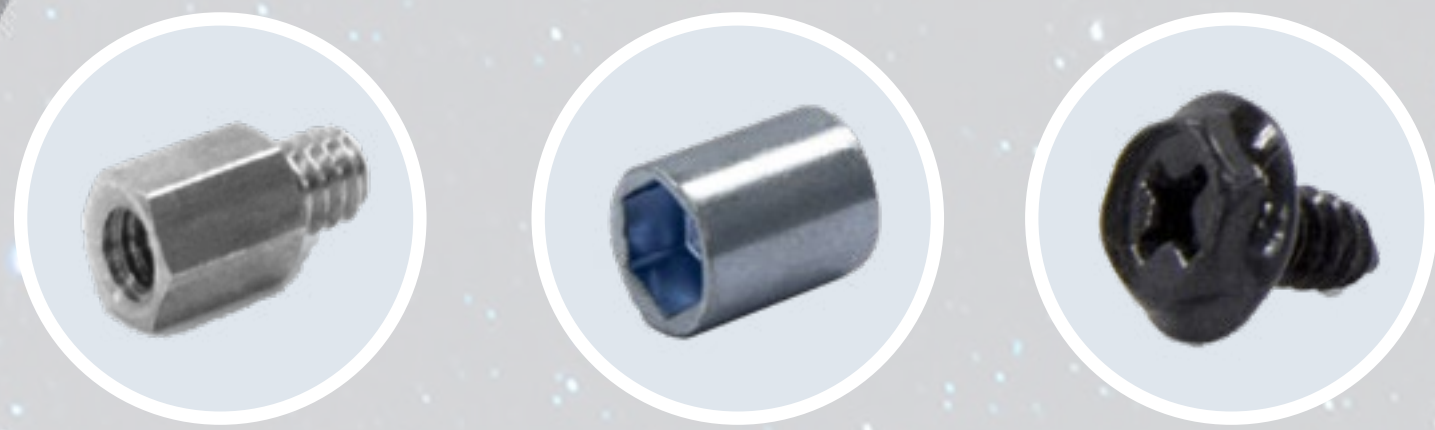
2 Removing the Dust Filter and Graphics Card Holder

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

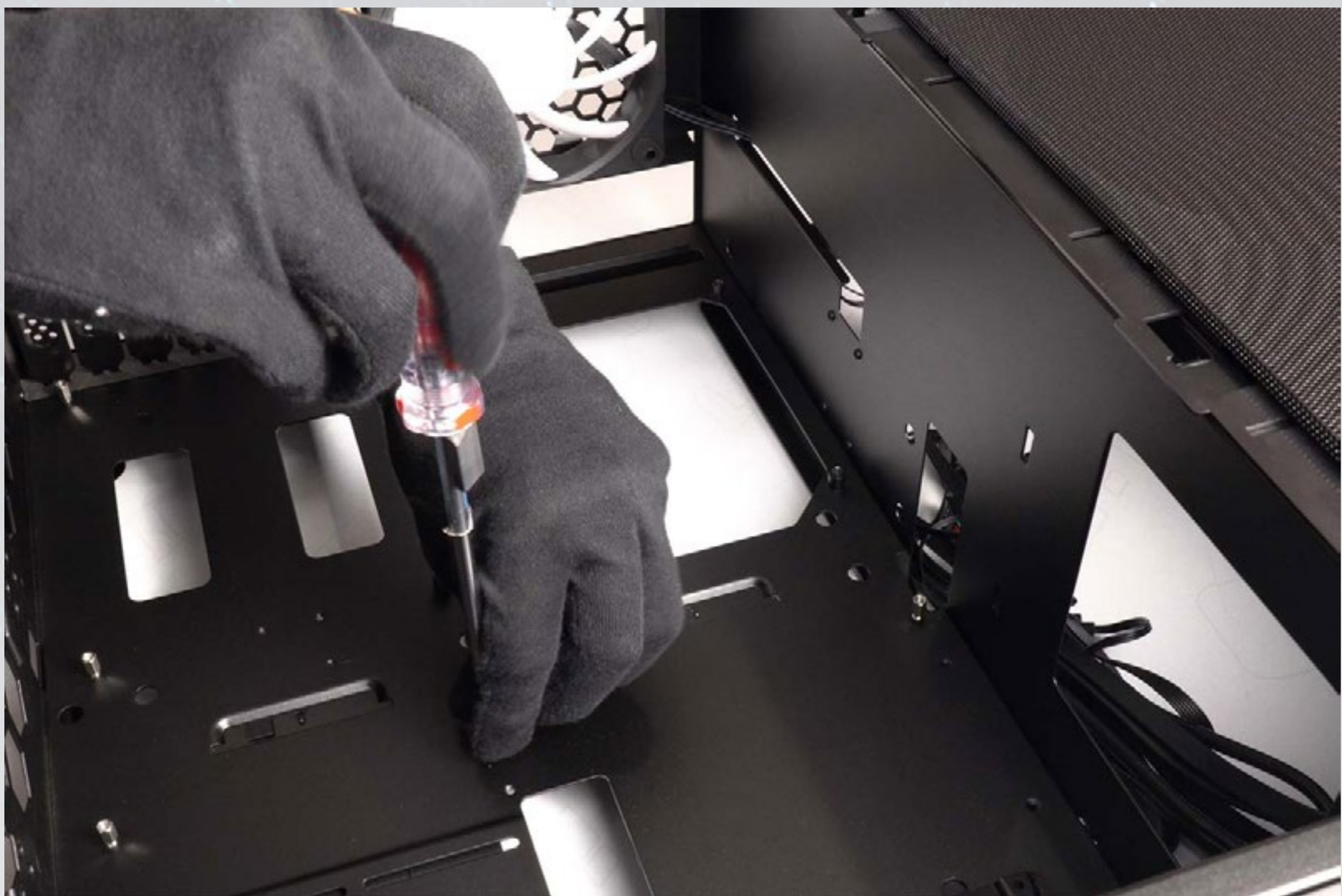




3 Motherboard Installation



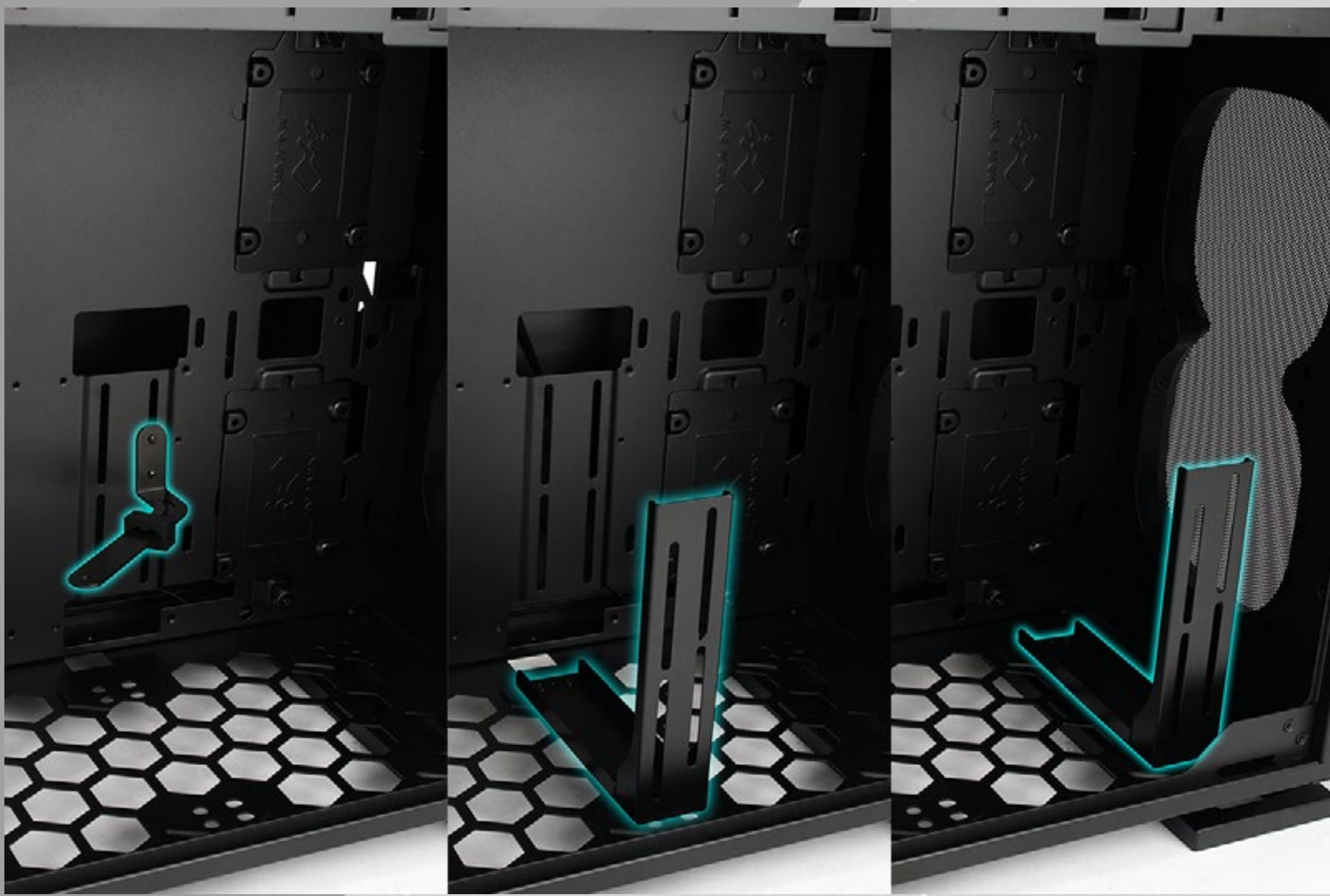
Parts Required:
Motherboard Stand-Offs, Motherboard Stand-Off Socket
Hexagon Head Screws



4 GPU Installation



Parts Required:
Hexagon Head Screws,
Graphics Card Holder (Holder & Rubber & Bracket)

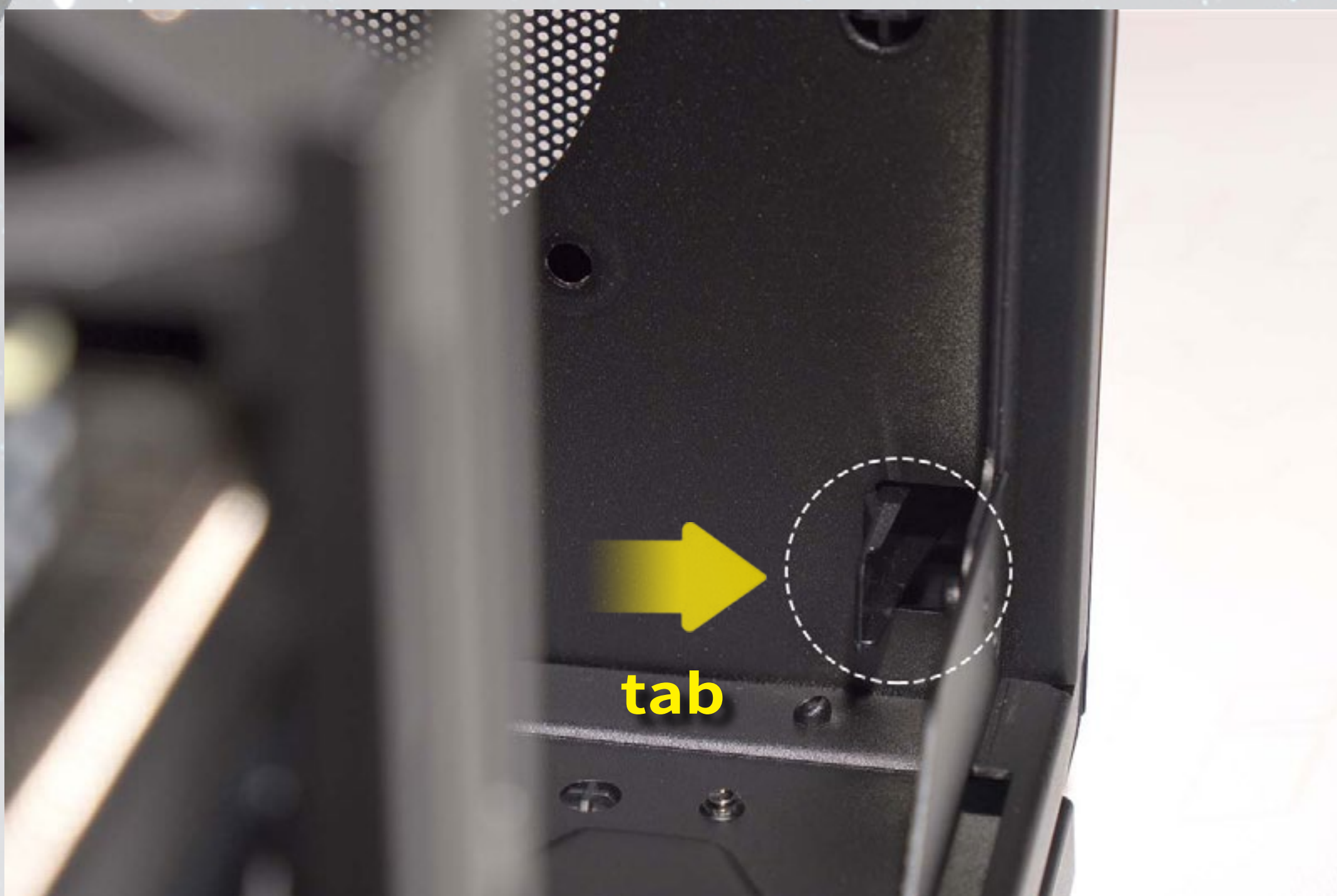


Note: Use your Graphics Card Holder to support your GPU. It is adjustable to meet your needs.

5 Opening the Front Panel

You will need to remove the Front Panel by pressing a tab to the right.

Then pull the panel from beneath with your right hand.



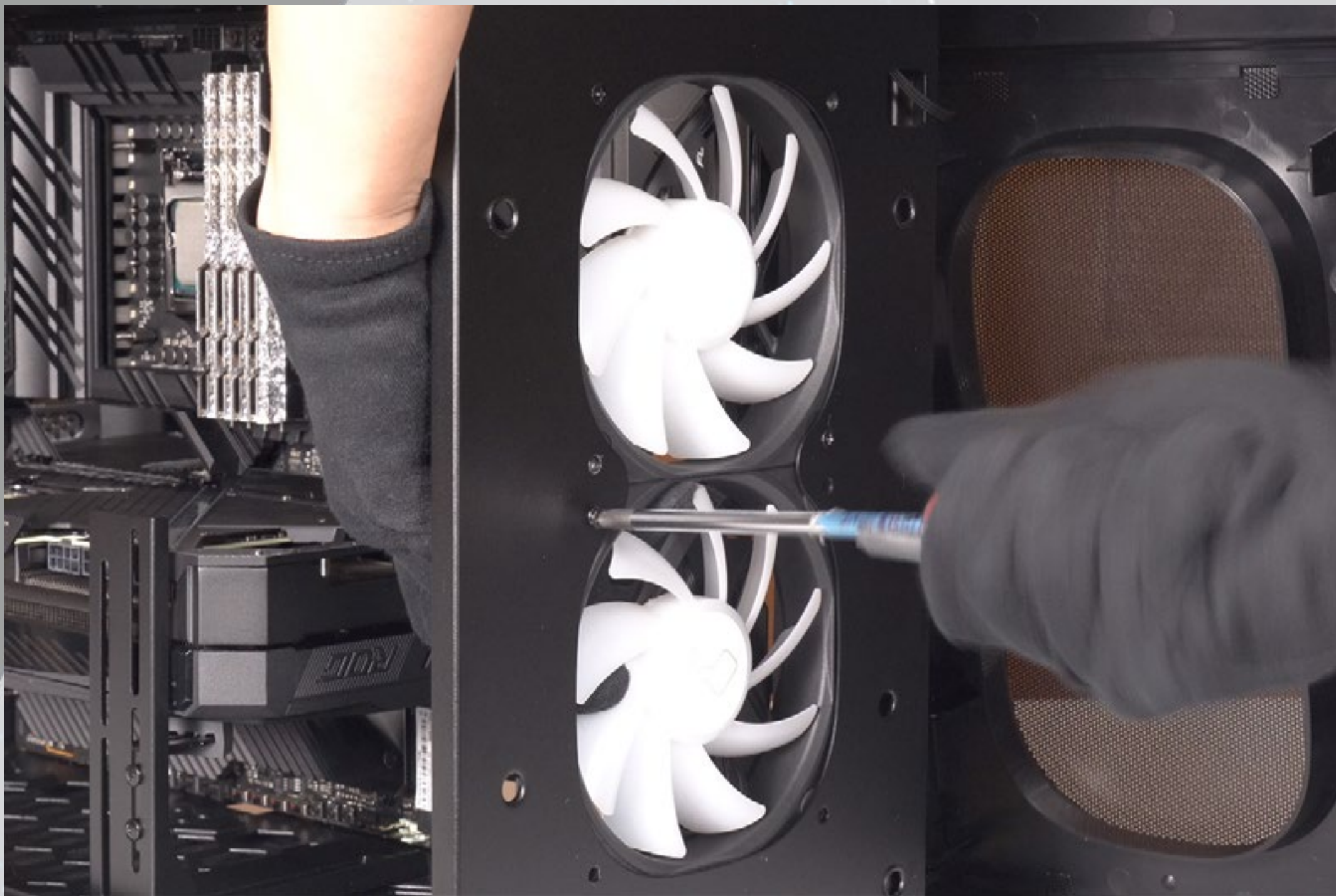
6

Installing Front Fans

Secure the Fans with screws from the outside.



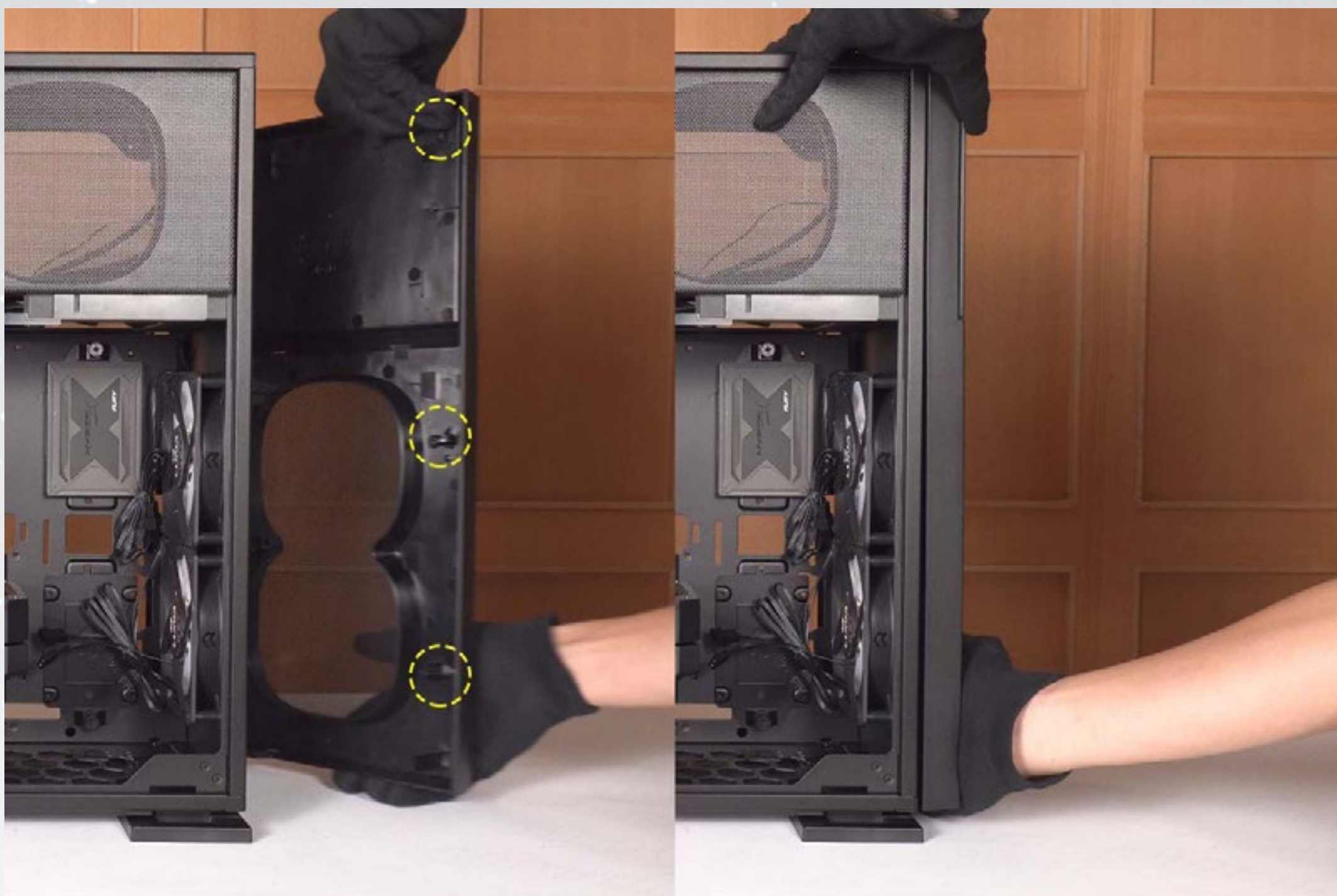
Parts Required:
Fan Screws



7

Closing the Front Panel

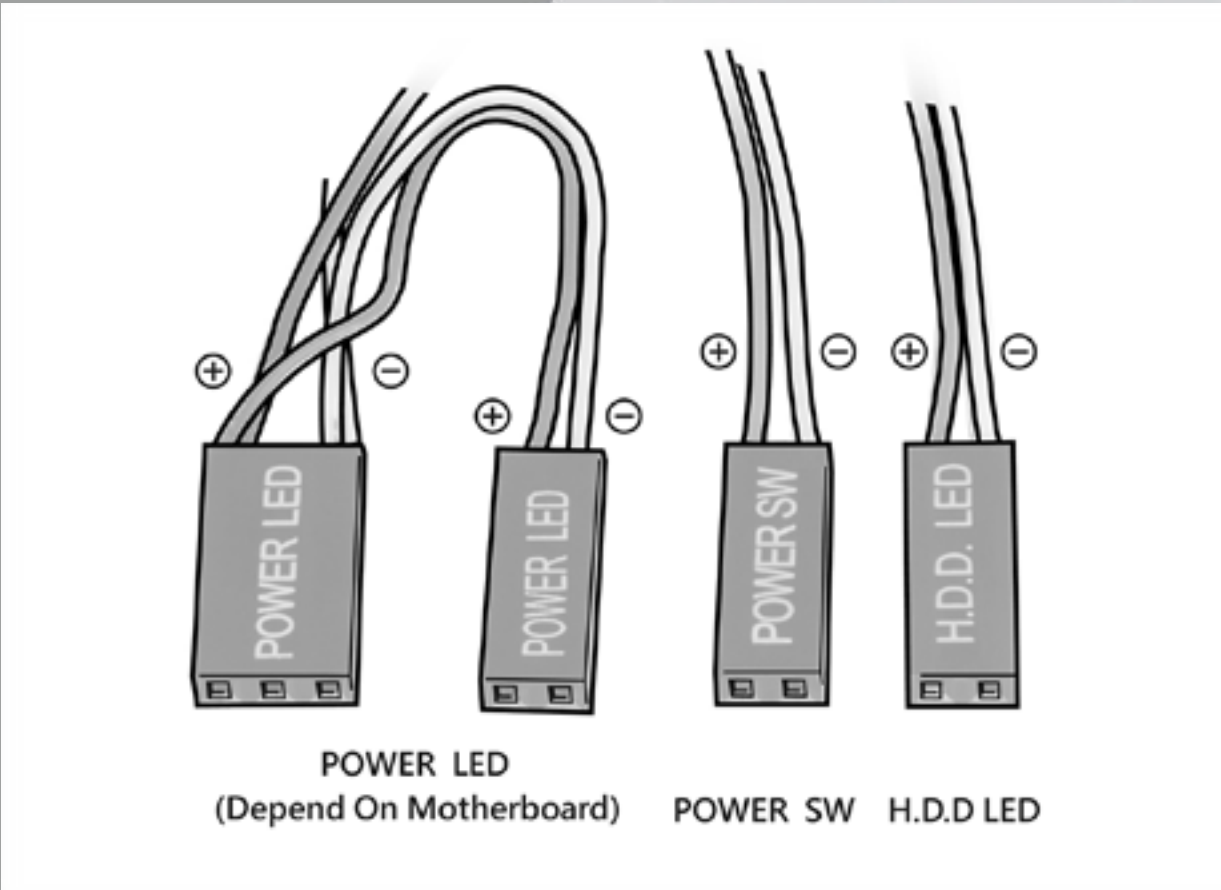
All crosses need to fit into the corresponding holes to fit neatly back into place.



8

Connection Cables

I/O Wires

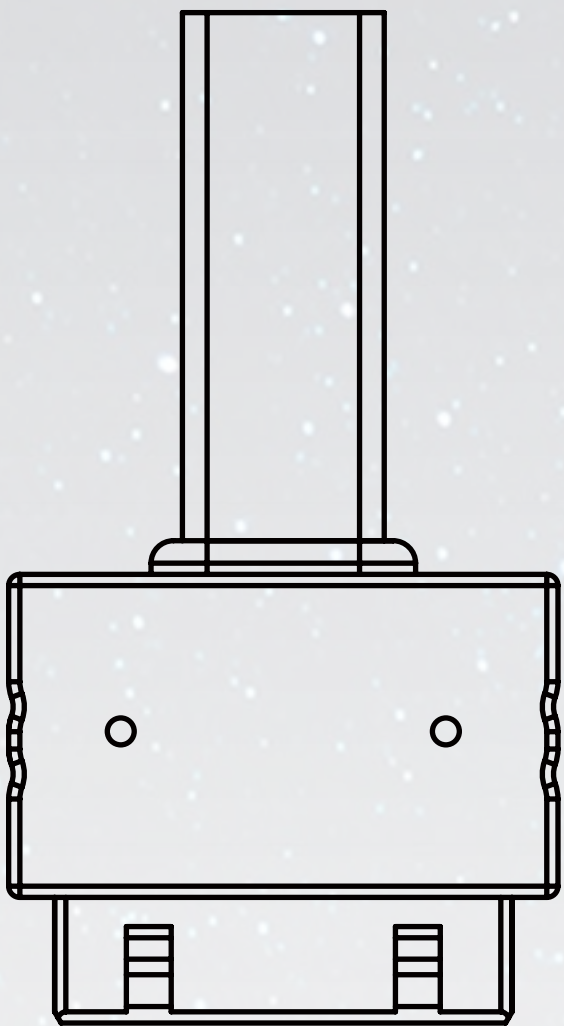


HD Audio Header



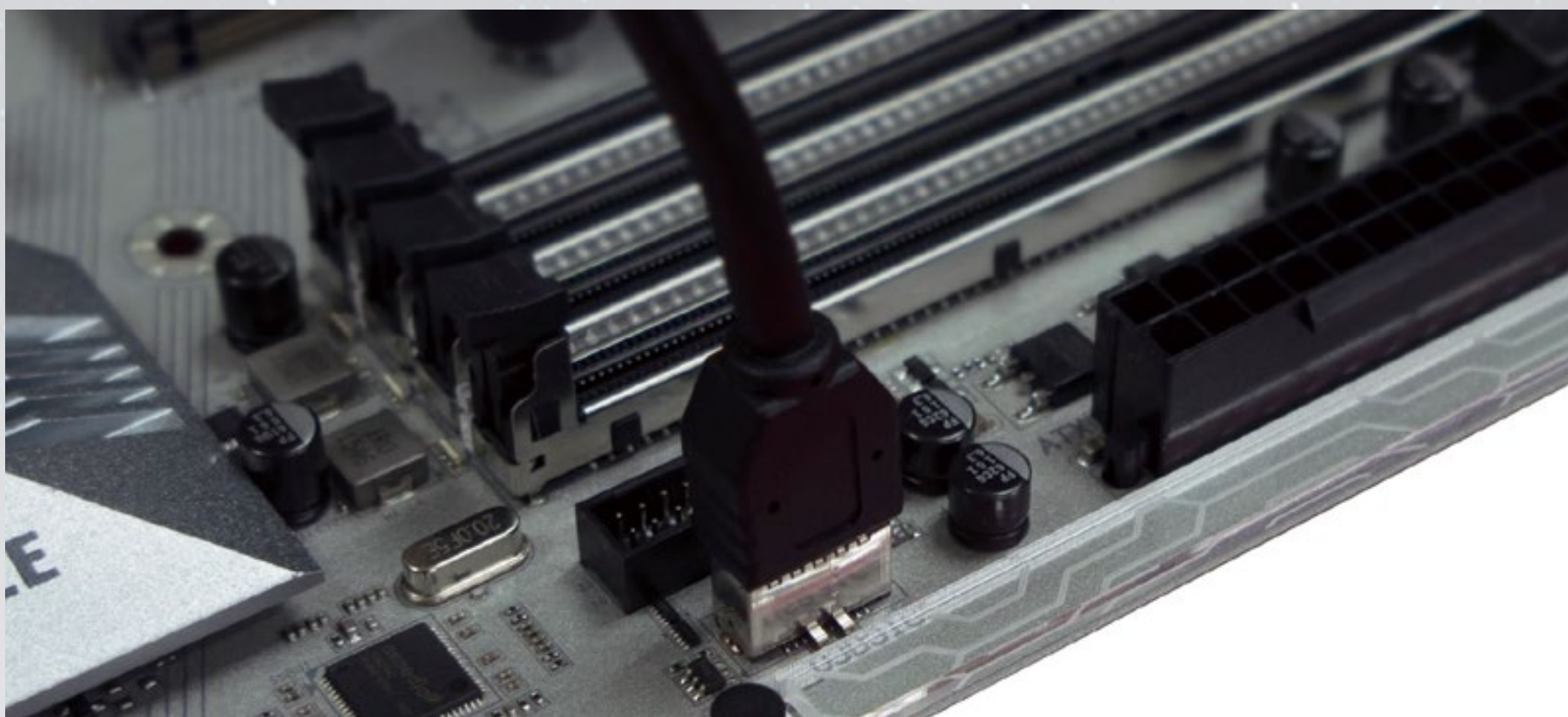
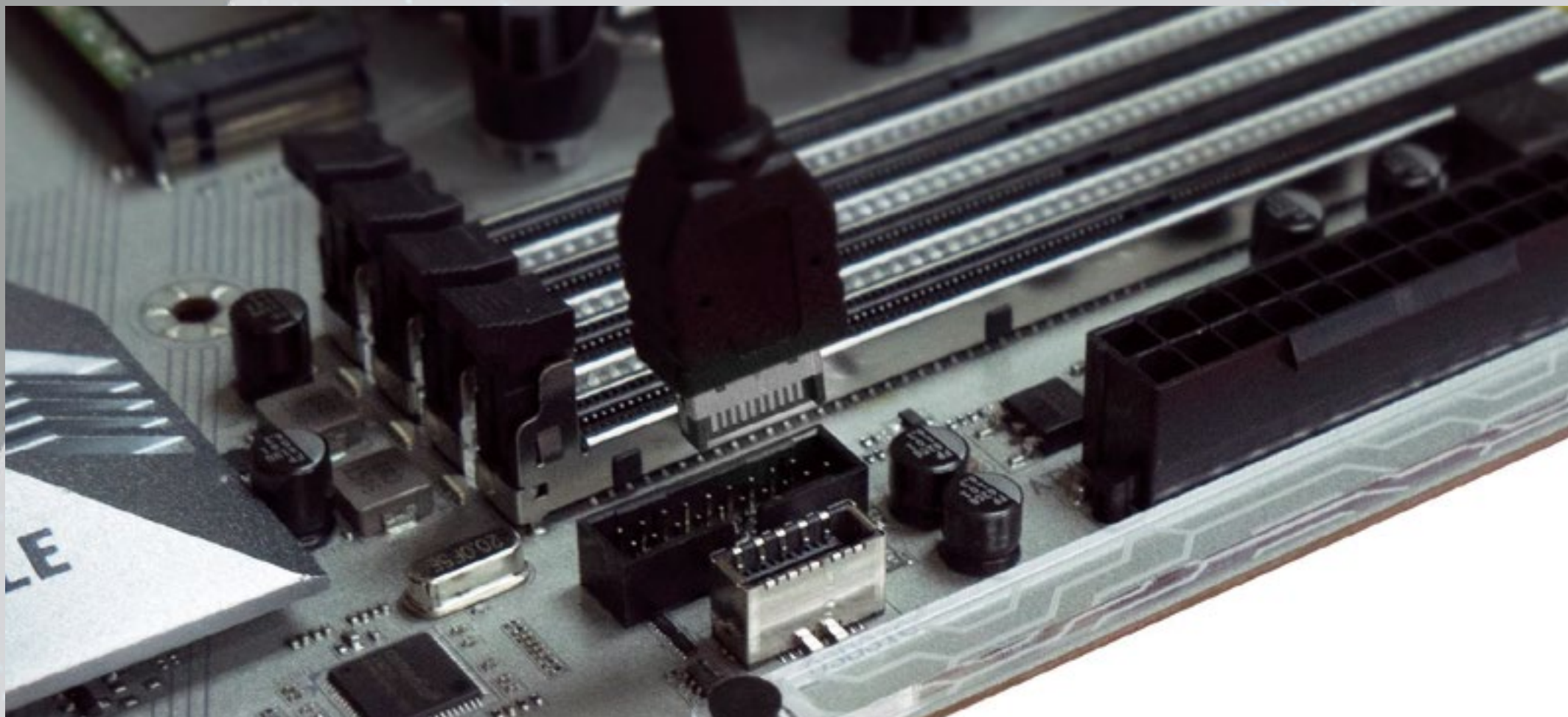
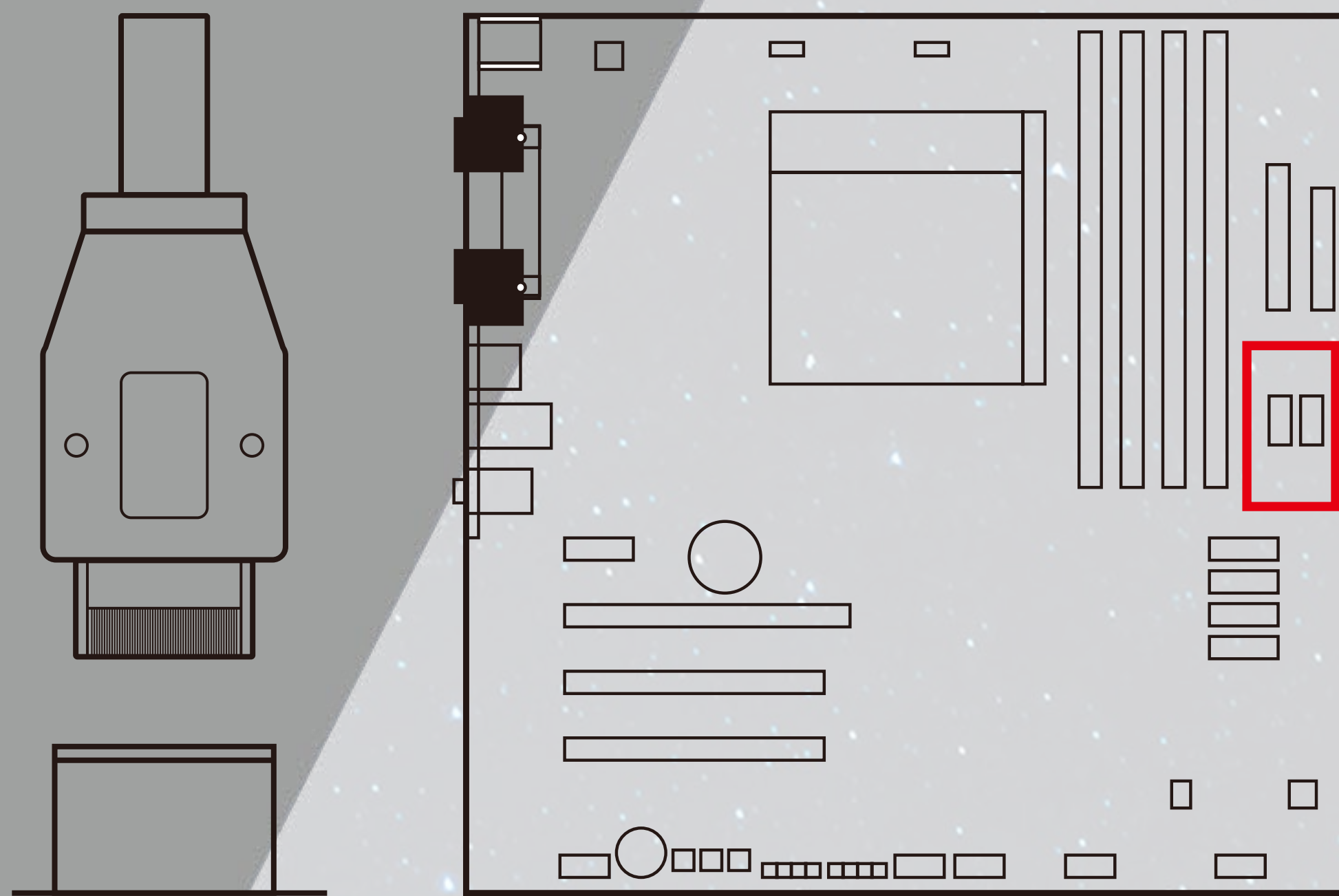
PORT2_L	BLUE	10		9	BROWN	SENSE2_R
SENSE_SEND	PURPLE	8		7		KEY
PORT2_R	YELLOW	6		5	WHITE	SNAS1_R
PORT1_R	RED	4		3	ORANGE	PRESENCE#
PORT1_L	GREEN	2		1	BLACK	GND

USB 3.2 Gen 1



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

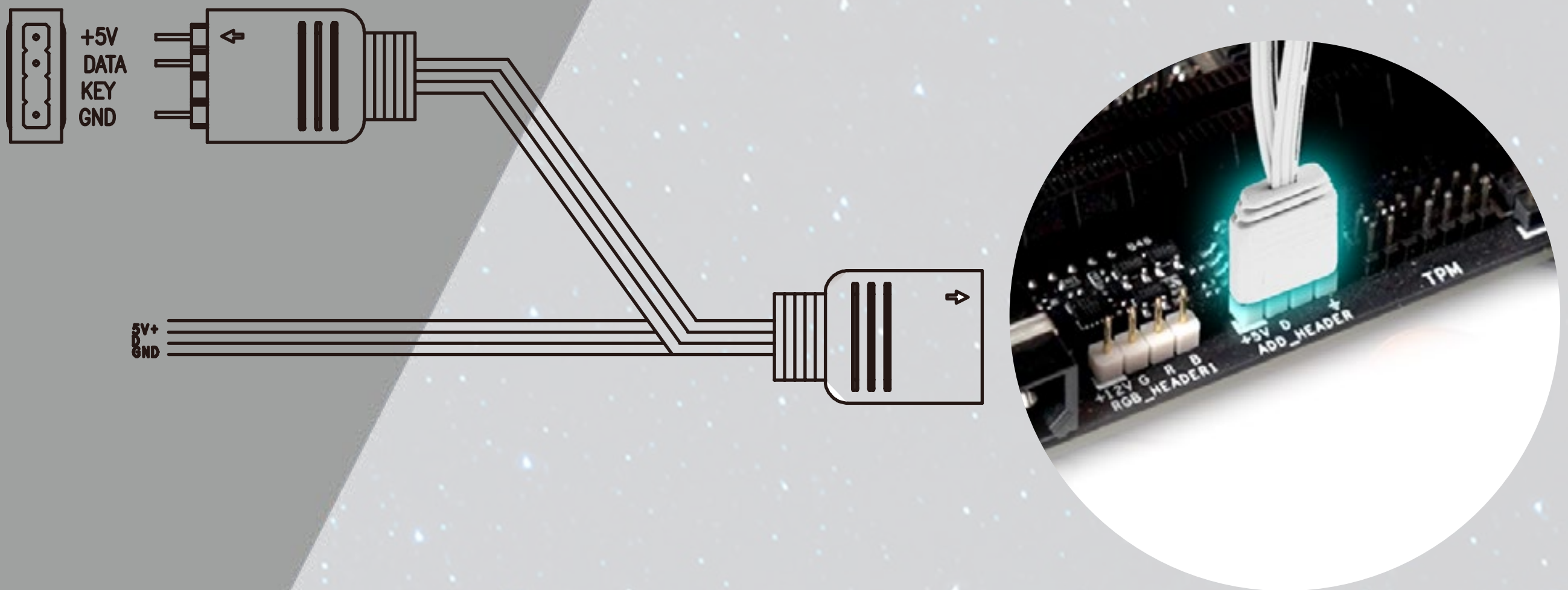
USB 3.2 Gen 2x2 Type-C



If your motherboard supports Type-C, please connect the Type-C connector with the header directly on the motherboard.

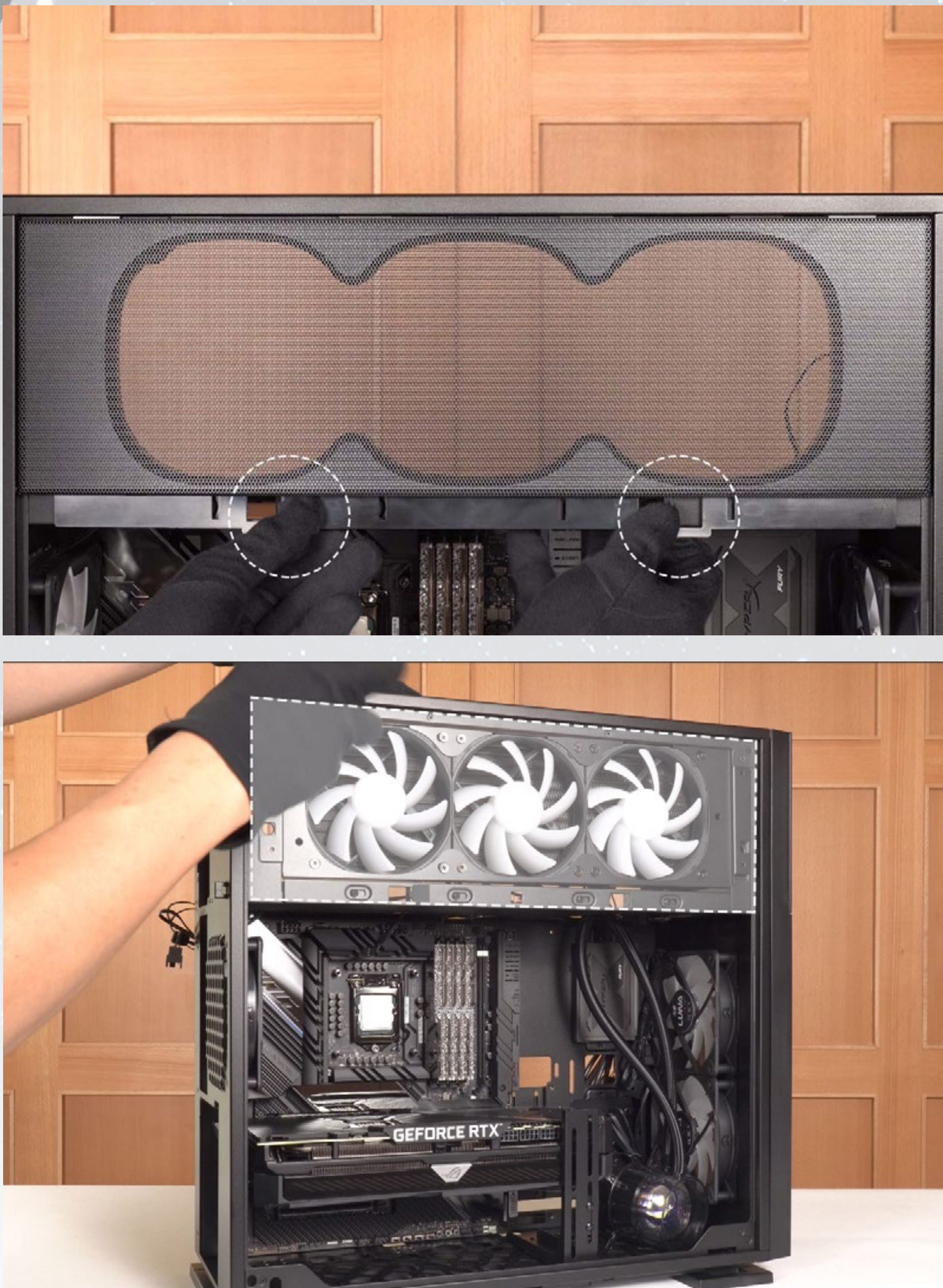
Front Panel ARGB Cable

Please choose a motherboard that supports the addressable RGB lighting effect in order to light up the LED panel. Please follow the directions of the image below and insert addressable RGB cable into the 3-pin, 5V header directly on the motherboard.



9 Fan/Liquid Cooling Radiator Installation

To remove the side Mesh Fan Grill, lift up on the bottom tabs.



Note: It is recommended that you choose an AIO with tubes that are around 450 mm or more in length. The InWin BR36 & NR36 AIO are examples that would fit well.

10 2.5" Drive Bay Installation



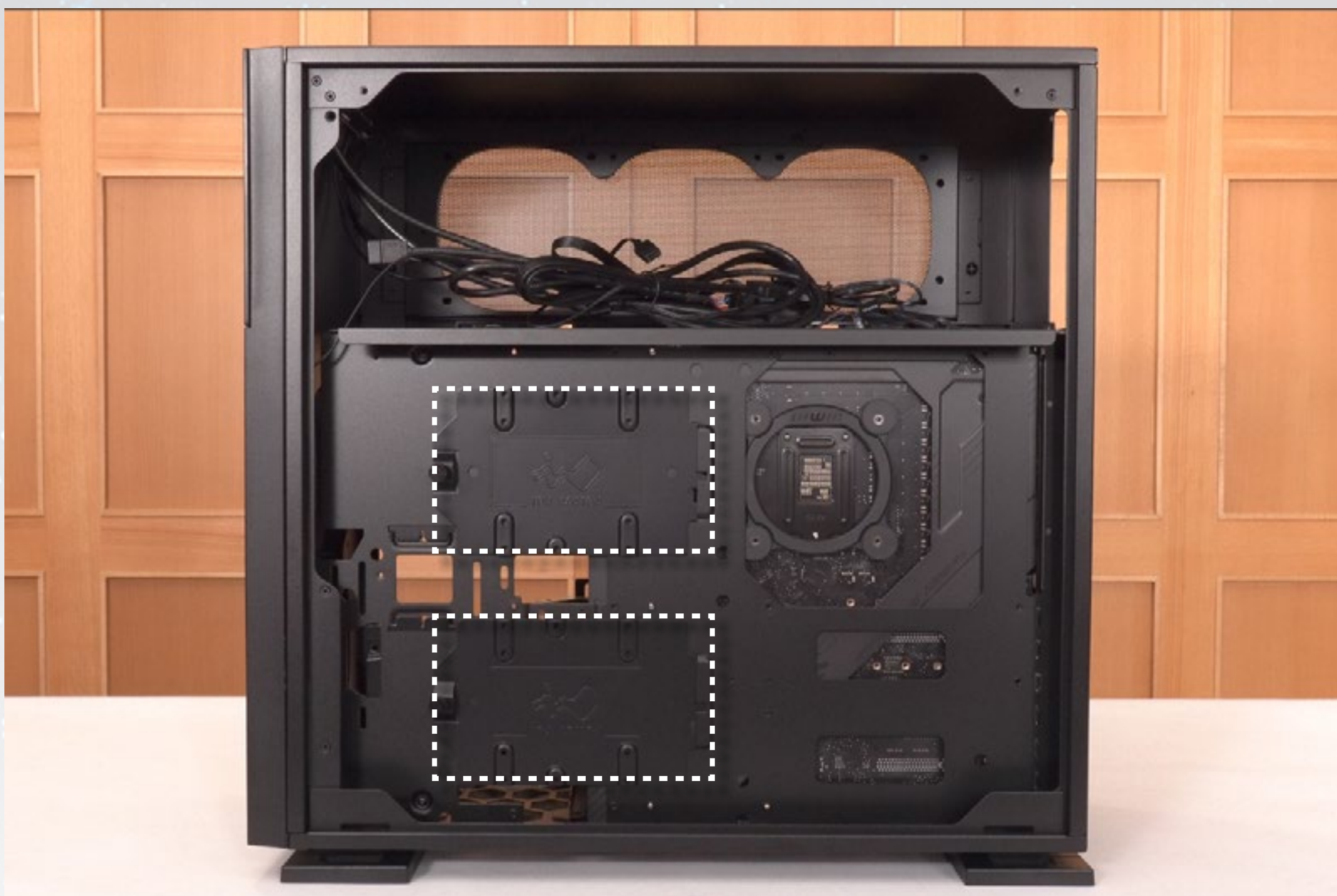
Parts Required: 2.5" HDD Screws



11 3.5" Drive Bays Installation



Parts Required: 3.5" HDD Screws



12 Power Supply Installation



Parts Required:
Hexagon Head Screws



13 Closing all Panels





Notices and Warranty

■ Notices

1. Please follow the user manual for installation guidelines.
2. When installing 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. Incorrect installation may burn your motherboard and other system components.
3. To avoid any damages, please do not use this product for any other purpose than its intended use.
4. Any modifications may damage the product.
5. Please remove all internal devices before shipping or moving.
(Including power supply, hard drives, CD-ROM, motherboard and CPU, etc)

■ 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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