



A1 Prime

Mini-ITX Tower

User Manual

Product Story

The new A1 Prime retains the A1 Plus' s classy aesthetics but models an additional silk screen print on its top cover, along with an upgraded power supply to support more power-demanding hardware and GPUs.

The A1 Prime features addressable RGB lighting that offers diversified color schemes by customizing each individual light. The square structure provides hassle-free installation and the capacity to house powerful hardware despite its compact size.

An InWin 750W, 80 PLUS Gold PSU is prebuilt to fulfill the power consumption of the latest graphics card. The A1 Prime black version comes with two Sirius Loop addressable RGB fans, while the white version comes with two Sirius Pure addressable RGB fans.



Specifications



A1 Prime Case

Model	A1 Prime		
Model Number	IW-A1PRIME-BLACK	IW-A1PRIME-WHITE	IW-A1PRIME-PINK
Colors	Black	White	Pink
Case Type	Mini-ITX Tower		
Materials	SECC, Tempered Glass, Aluminium, Plexiglass		
M/B Compatibility	Mini-ITX		
Expansion Slots	2 x PCI-E		
Maximum Compatibility	VGA Card Length: 320 mm VGA Card Thickness: 55 mm CPU Heatsink Height: 160 mm		
I/O Ports	2 x USB 3.0 HD Audio		
Internal Drive Bays	2 x 2.5"		
Thermal Solution Compatibility	Air Cooling Fans: Rear: 1 x 120 mm Pre-installed Bottom: 2 x 120 mm Side: 1 x 120 mm Pre-installed Water Cooling Radiator: Rear: 1 x 120 mm		
* Number of fans pre-installed may vary based on different regions.			
Power Supply Compatibility	PSII: Intel ATX12V V2.52 InWin 750W 80 PLUS Gold PSU Pre-installed		
Product Dimensions (L x W x H)	343 x 210 x 231 mm 13.5" x 8.3" x 9.1"		
Product Dimensions (L x W x H) with Screw & Handle Height	357 x 224 x 273 mm 14.1" x 8.8" x 10.7"		
Package Dimensions (L x W x H)	414 x 295 x 344 mm 16.2" x 11.6" x 13.5"		
Net Weight	6.14 kg		
Gross Weight	7.2 kg		

* Specifications may vary based on different regions.

* Our products comply with RoHS regulations.

Specifications

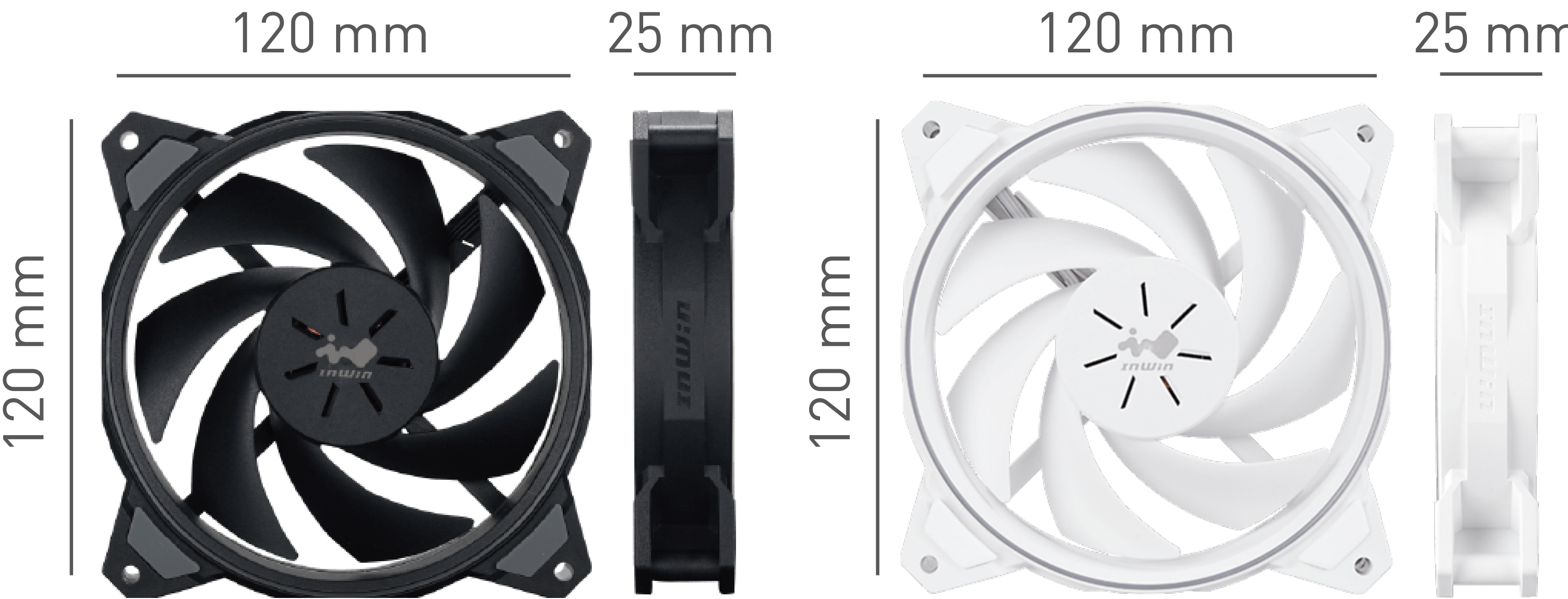


InWin 750W 80PLUS Gold PSU

Model	P75F	
Total Power	750W	
Model Number	IW-PS-PF750W	
Materials	SECC	
Type	ATX12V V2.52	
Cable Management	Non-Modular Cables	
PFC	Active PFC (> 0.95)	
Efficiency	80 PLUS® Gold (Up to 90%)	
MTBF (Hours)	> 100,000 hrs.	
AC Input	100-240Vac, 8-10A, 50-60Hz	
Fan	120mm Sleeve Bearing Fan	
Typical Load Fan Noise(dBA) (50% Loading)	< 25dBA	
Operating Temperature Range (° C)	0-40 ° C	
Full Protection	OCP/ OVP/ UVP/ SCP/ OTP/ OPP	
Safety Certifications	cTUVus / TUV / CB / CE / CCC / FCC / RCM / BSMI	
Dimensions (L x W x H)	140 x 150 x 86mm	
Warranty	5 Years	
Connectors	20+4 Pin Motherboard	1
	8-Pin CPU	1
	8 (6+2) Pin PCI-E	2
	SATA	3

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

Specifications



Sirius Loop ASL120

Sirius Pure ASP120

Model	Sirius Loop ASL120	Sirius Pure ASP120
Model Number	ASL120FAN-1PK ASL120FAN-3PK	ASP120FAN-1PK ASP120FAN-3PK
Colors	Black	White
Fan Size	Black	
Materials	120 x 120 x 25 mm	
Rated Voltage	PC, PBT	
Rated Power	DC 12V	
Rated Current	1.2W	
ADD RGB Rated Voltage	0.1A	
ADD RGB Rated Power	DC 5V	
ADD RGB Rated Current	1.25W	
Speed Mode	0.25A	
Air Flow	PWM 500 - 1800 RPM	
Air Pressure	50 CFM	
LED	1.67 mm / H2O	
Noise Level	13 - 27 dB(A) (Max.) 19 dB(A) (Normal)	
Bearing Type	Long Lifespan Sleeve Bearing	
Warranty	2 Years	

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Package Contents

- A1 Prime Chassis
- InWin 750W 80PLUS Gold PSU
- Fans ASL120 x 2 (for Black version) / ASP120 x 2 (for White/Pink version)
- ARGB One-Click Controller v1.1
- QR Code Card
- Accessories Bag



Accessories Bag

a



b



c



d



e



f



g

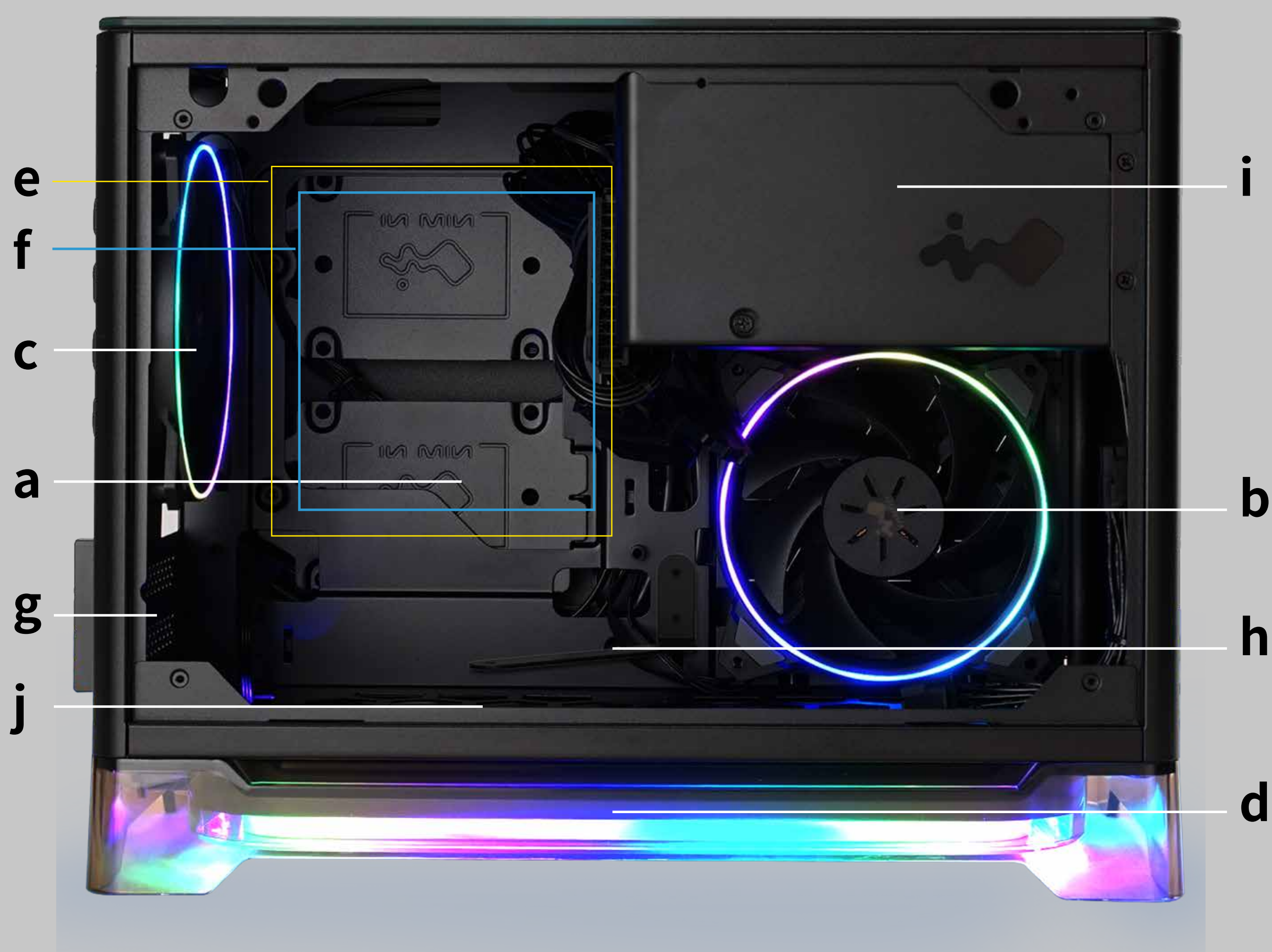


- a. Hexagon Head Screws X 8
- b. 2.5" HDD Screws X 10
- c. Graphic Card Holder X 1
- d. Anti-Vibration Rubber (Card Holder) x 1
- e. Cable Ties X 5
- f. Anti-Slip Strips X 4
- g. ARGB One-Click Controller v1.1 x 1

Case Structure



1. Tempered Glass
2. Logo
3. SECC Front/ Side Panel
4. Power Button
5. HDD/Power LED indicator
6. USB 3.0 Ports
7. Audio Ports (Earphone and Microphone)



a. 2.5 Drive Bay

b. Side Fan Mounting Area

c. Rear Fan/ Radiator Mounting Area

d. Bottom Fan Mounting Area

e. Motherboard Mounting Area

f. CPU Cooler Installation Cut-Out Hole

g. PCI-E Expansion Slot

h. Extra PCI-E Supporting Mounting Hole

i. Power Supply Area

j. Fan Dust Filter

Installation Guide

Please follow the related chapters to assemble



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Opening the Chassis

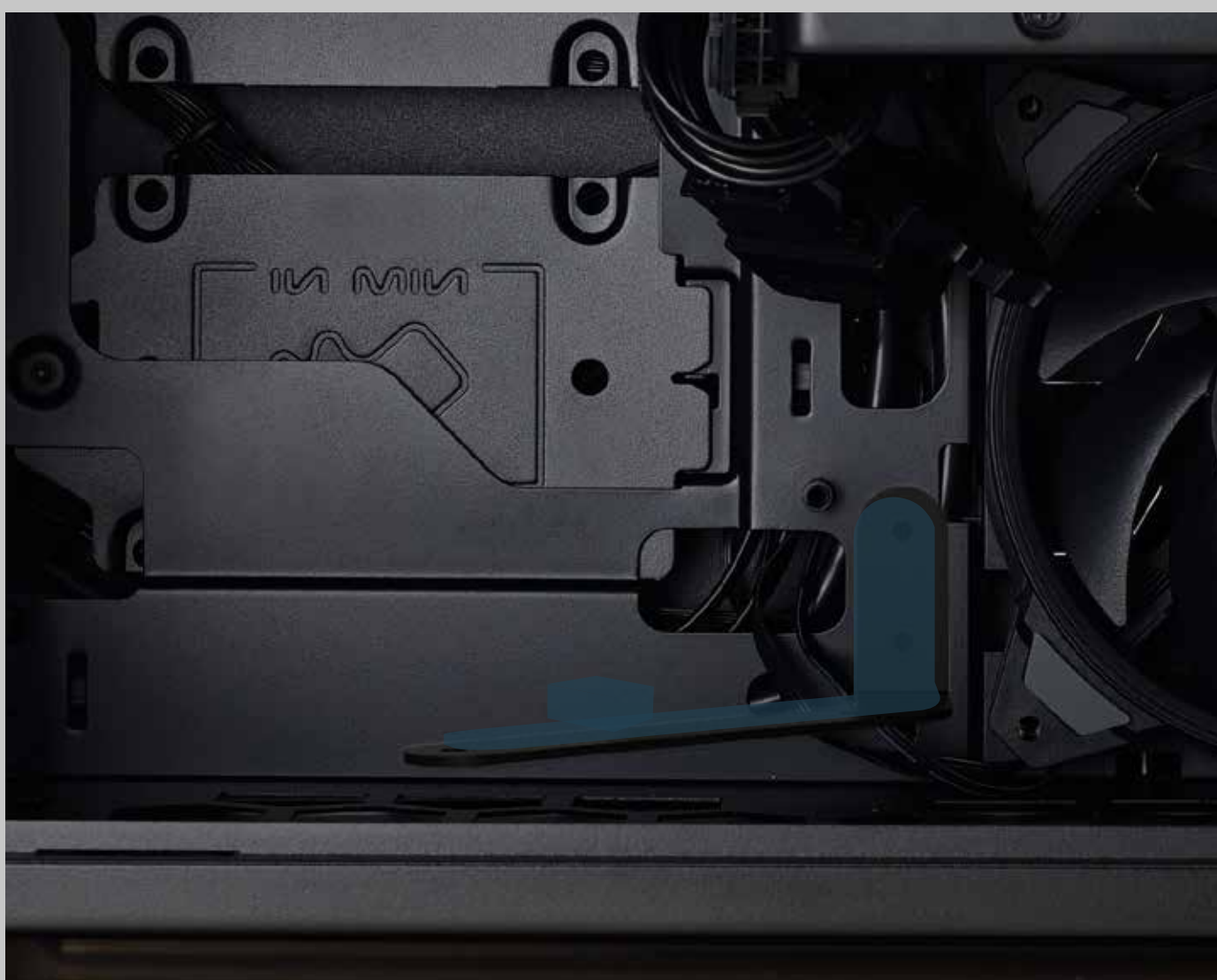
For the side panel, please pull the two tool-less tabs and lift up.



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Motherboard Installation

Parts Required: Hexagon Head Screws



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Expansion Card Installation

Parts Required: Hexagon Head Screws, Graphics Card Holder, Anti-Vibration Rubber

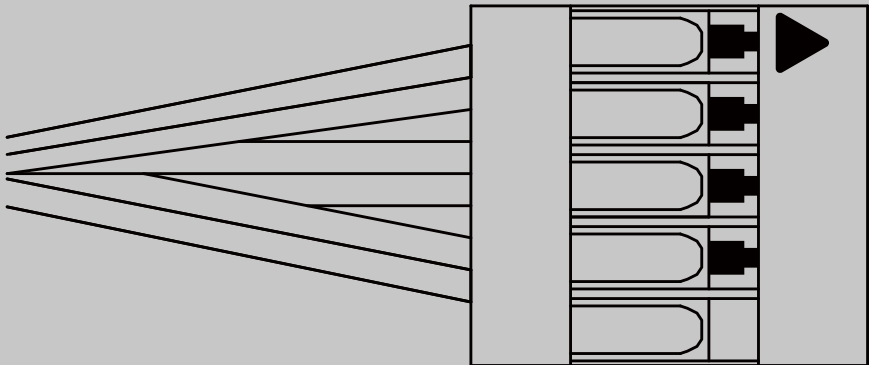
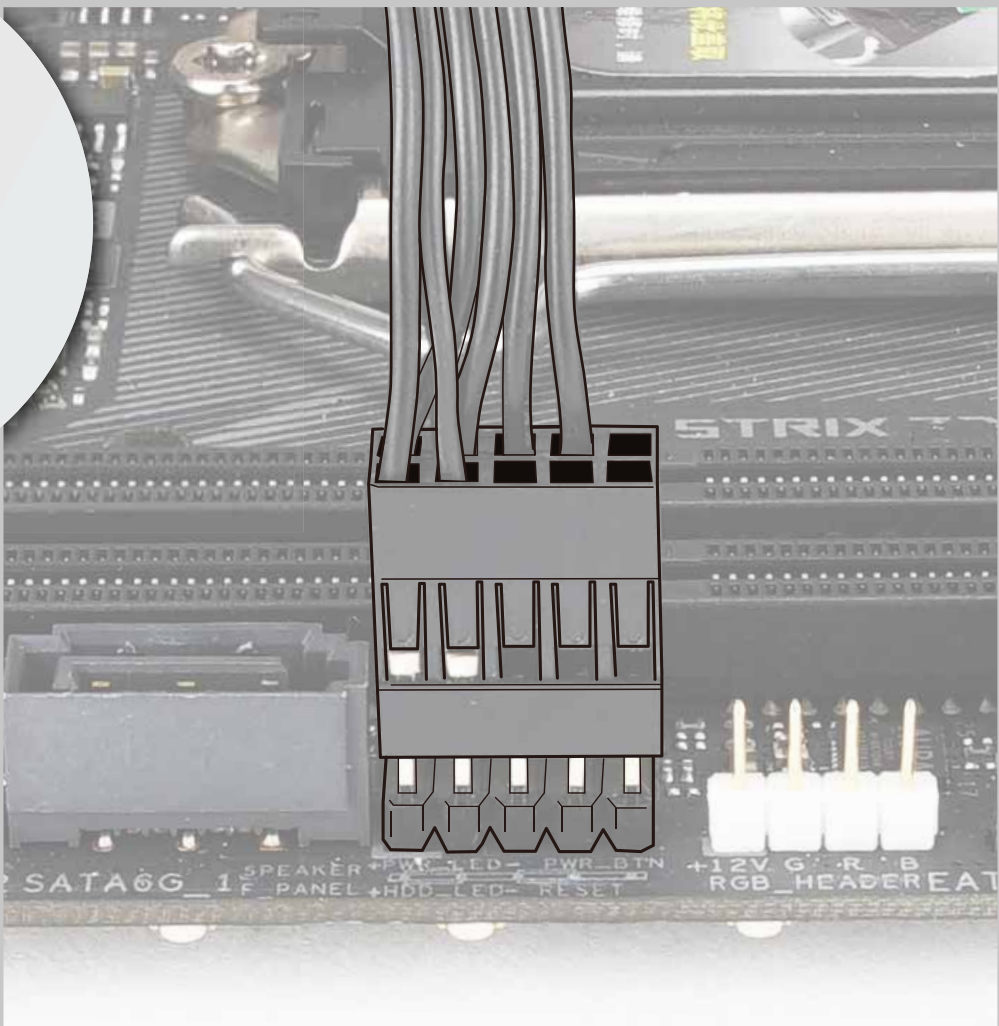
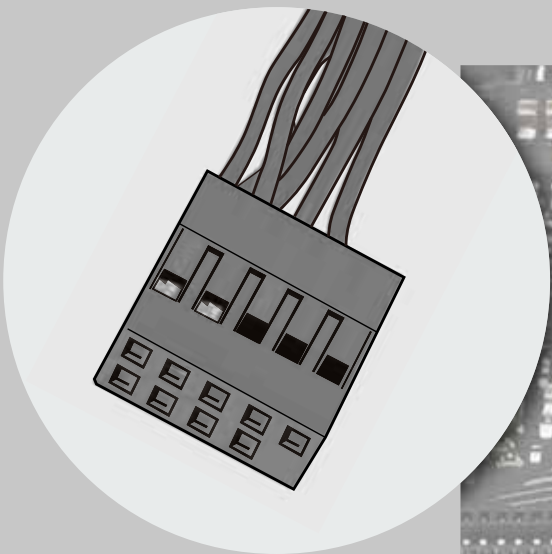


Installation Guide

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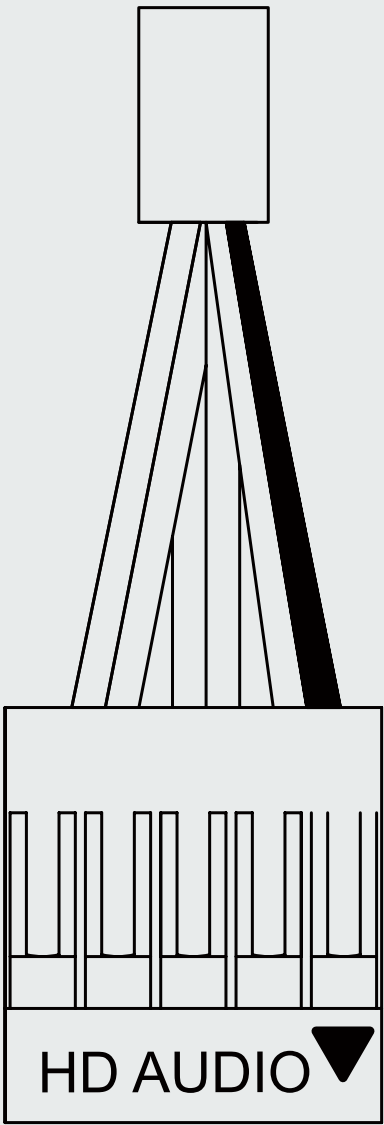
I/O Wires Installation

Switch/LED Connector



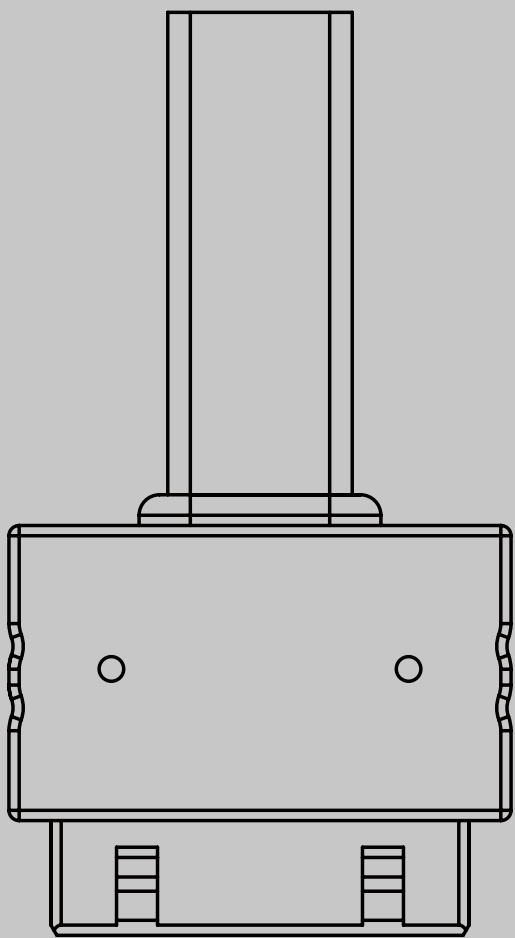
Blue(P_LED)	1	2	Red (HDD)
White(P_LED)	3	4	White (HDD)
Brown(P_SW)	5	6	NC
White(P_SW)	7	8	NC
Key	9	10	NC

HD Audio Header



PORT2_L	BLUE	10	9	BROWN	SENSE2_R
SENSE_SEND	PURPLE	8	7		KEY
PORT2_R	YELLOW	6	5	WHITE	SNSE1_R
PORT1_R	RED	4	3	ORANGE	PRESENCE#
PORT1_L	GREEN	2	1	BLACK	GND

USB3.0 Header



PIN#1	PIN#19
Vbus	19 Vbus
IntA_P1_SSRX-	18 IntA_P2_SSRX-
IntA_P2_SSRX+	17 IntA_P2_SSRX+
GND	16 GND
IntA_P1_SSTX-	15 IntA_P2_SSTX-
IntA_P1_SSTX+	14 IntA_P2_SSTX+
GND	13 GND
IntA_P1_D-	12 IntA_P2_D-
IntA_P1_D+	11 IntA_P2_D+
ID USBOC-	
PIN#10	PIN#11

Installation Guide

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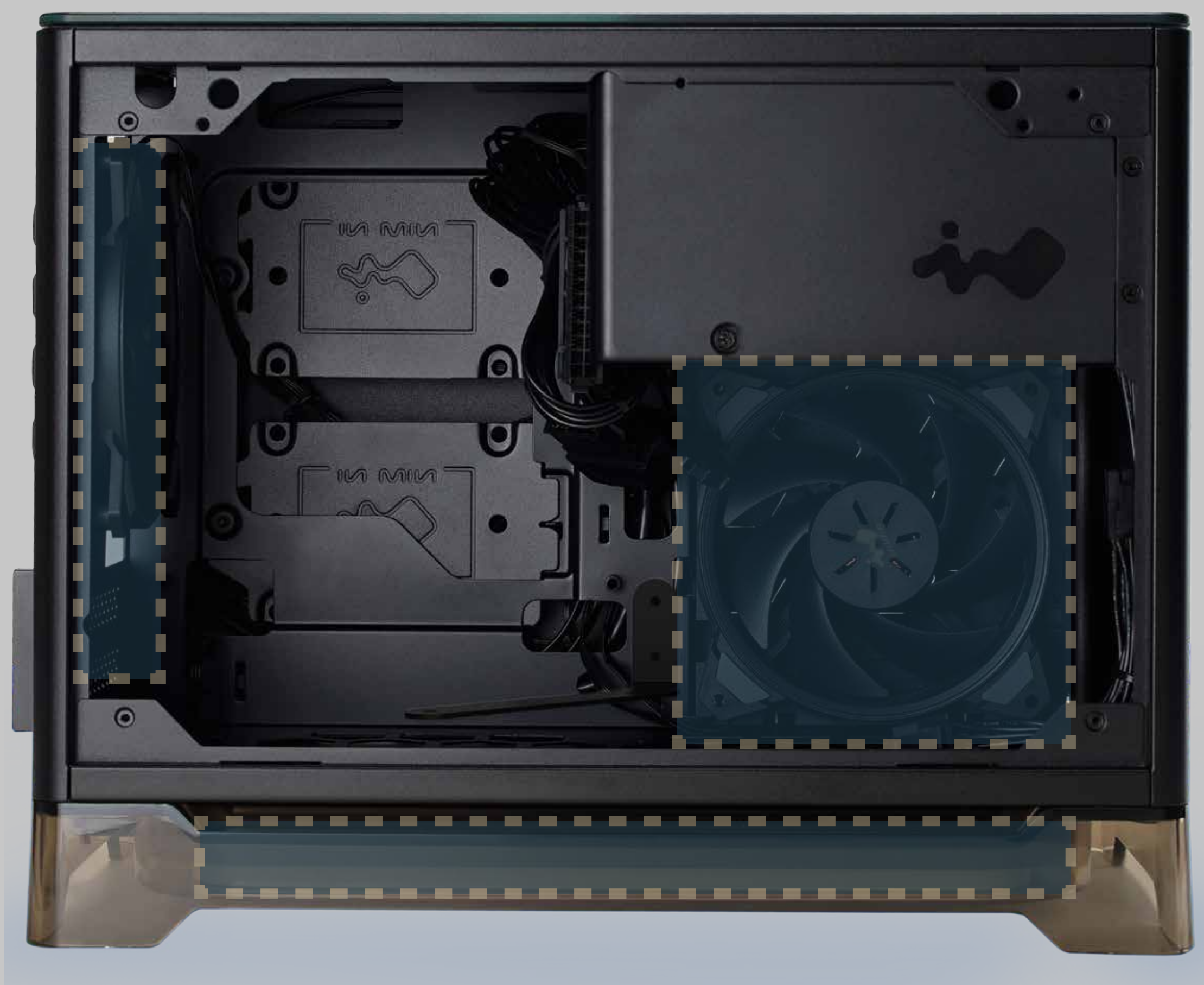
2.5" Drive Bays Installation

Parts Required: 2.5" HDD Screws



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Fan/ Liquid Cooling Radiator Installation

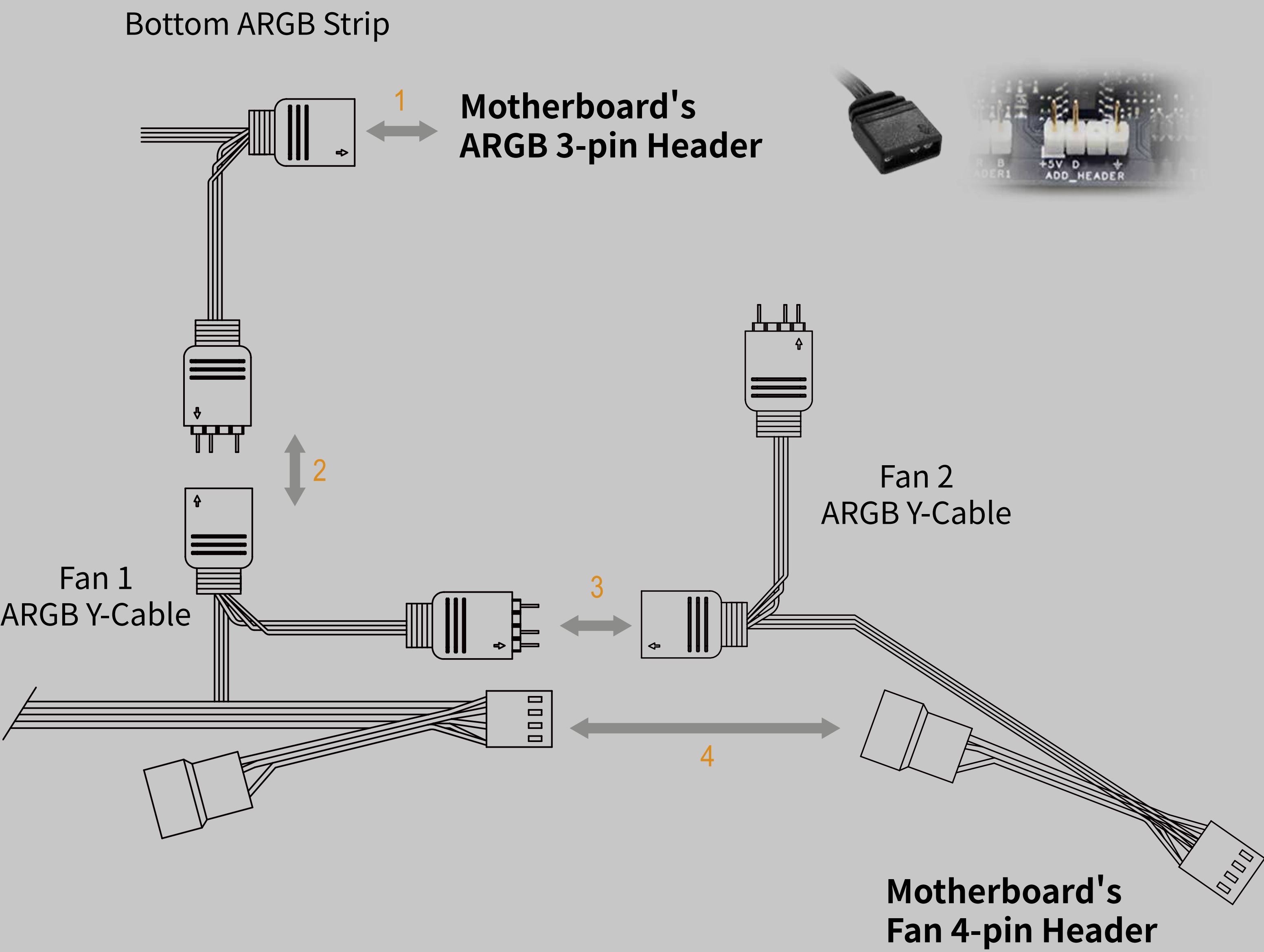


Installation Guide

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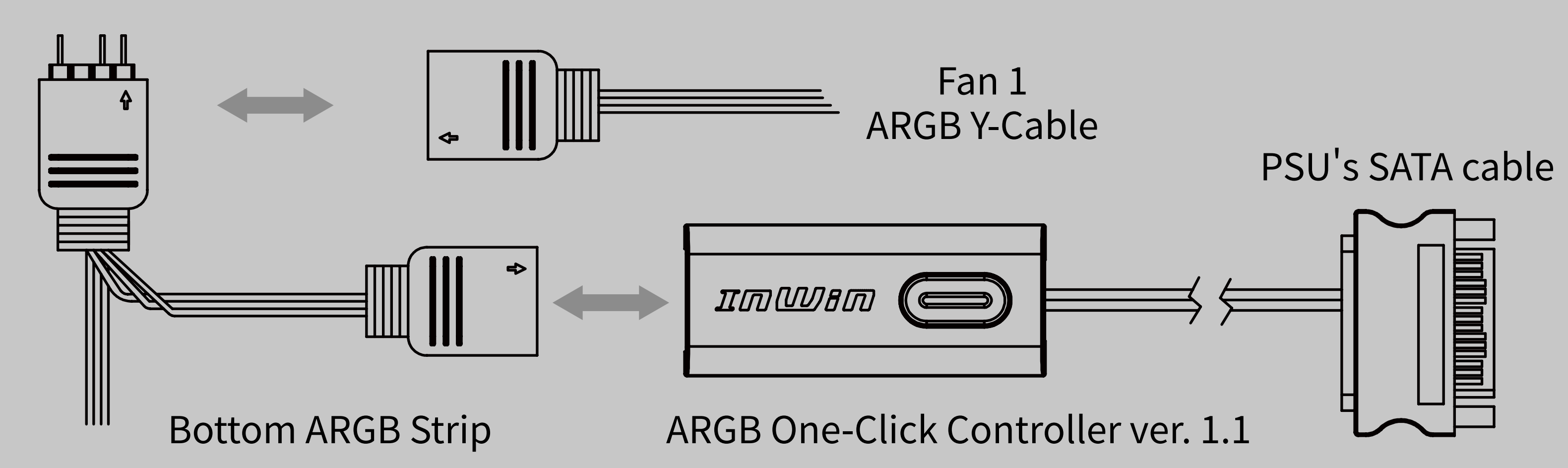
Addressable RGB strip and Fans Cables Installation

If your motherboard supports the addressable RGB effect, please follow the direction of sign and connect as followed:



Installation Guide

If your motherboard does not support an addressable header, please use the included ARGB One-Click Controller to connect to your PSU’s SATA cable and the case's ARGB Y-Cable in order to use the 14 different lighting effects.



Hold the button to turn on or off the lights. Tap the button to change the lighting modes.

1	Rainbow	8	Two-Tone RingRainbow
2	LED-Red Breathing	9	Diagonal Transition
3	LED-Green	10	Rotating LED Trio
4	LED-Blue	11	Full Circle
5	LED-Purple	12	Flow-Red
6	LED-White	13	Flow-Green
7	Light at the end of the Tunnel	14	Flow-Blue

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Anti-Slip Strips Installation

Parts Require: Anti-Slip Strips
Remove the strip covers and place them under each corner.



Installation Guide

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Completing Installation

Parts Required: Cable Ties



A1
Prime
Mini-ITX Tower

Notices and Warranty

■ Notices

1. Please follow the user manual for installation guidelines.
2. When installing the computer components, please use antistatic precautions to prevent ESD (electrostatic discharge) damage. Failure to take the necessary precautions may result in injury to the installer and/or damage to the machine. Incorrect installation may burnout the 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, CPU, etc.)
6. When storing the case, please keep this product away from high temperatures. Keep away from machines such as heaters that might cause high temperatures.
7. Please do not put anything in the impeller.
8. Please do not touch the fan blades when the fan is in operation. Please only use your fan in the computer case.
9. Please avoid unnecessary insertions and extractions to the addressable cable as it may damage the pins.

■ Warranty

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



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