

# BR24/36

All-In-One Liquid CPU Cooler  
With UMA Thermal Solution

## User Manual





# Product Video Information



BR Series Product Video



BR Series Installation Video





## Product Story

**Cool Like Never Before!**

**At InWin, we dare to be bold. We challenge ourselves to think beyond the typical CPU liquid cooler. What additional feature can we include to cool more efficiently?**

**Introducing the new BR Series Liquid CPU & UMA (Upper Motherboard Area) Cooler for gamers, designers and users that desire optimal thermal performance. Cooling like never before experienced.**



# Specifications



BR24

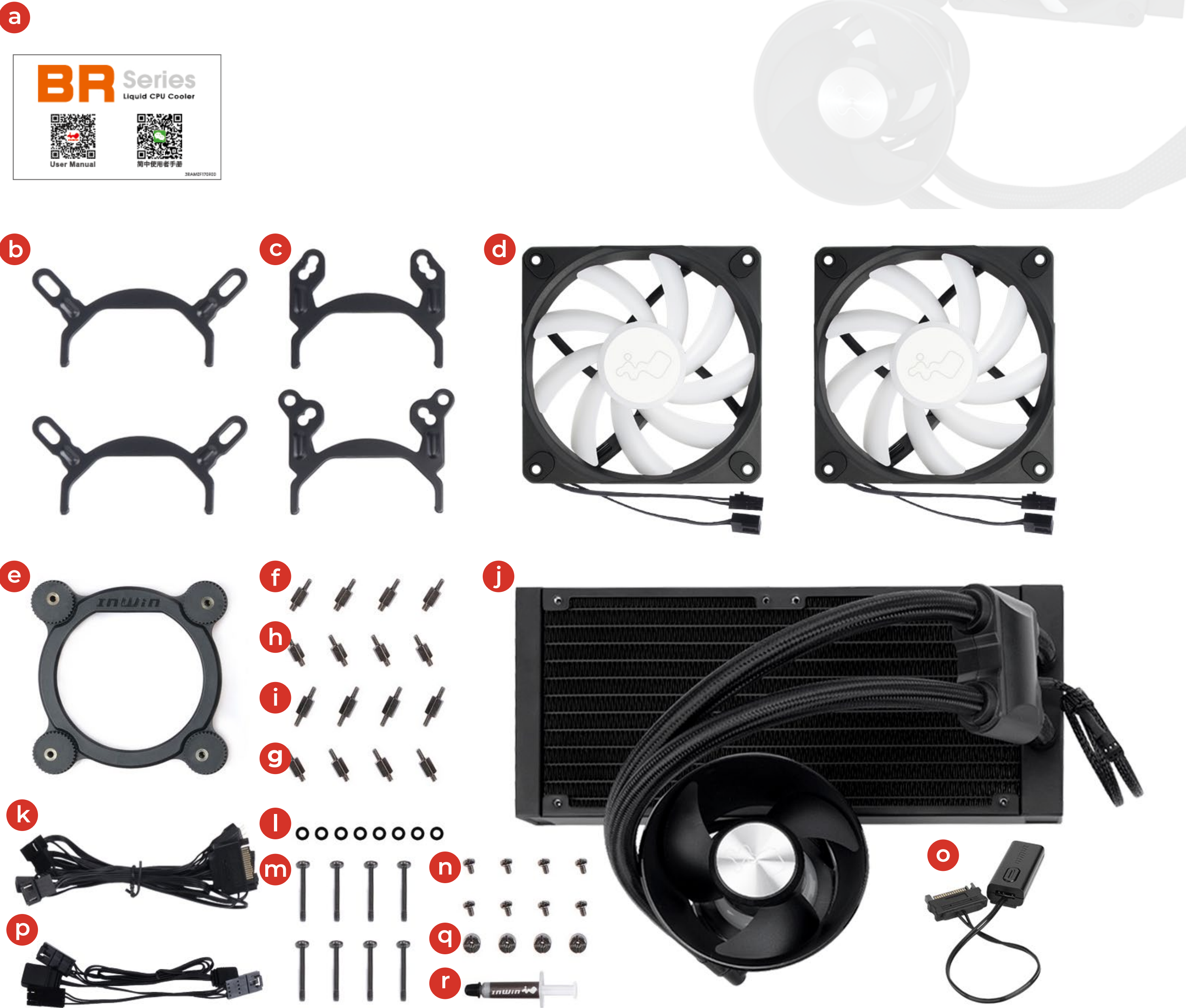


BR36

| Model   |                              | BR24   | BR36                                      |
|---|------------------------------|--|---|
| Model Number  |                              | IW-LC-BR24   | IW-LC-BR36                                |
| CPU Socket Support  |                              | Intel® LGA 1851/ 1700/1200/ 2066/ 2011-V3/ 2011/ 1366/ 1156/ 1155/ 1151/ 1150<br>AMD® AM5/AM4/ AM3+/ AM3/ AM2+/ AM2/ FM2+/ FM2/ FM1/ TR4 |   |
| Radiator  | Dimensions (L x W x H)       | 277 x 120 x 27 mm<br>(10.9 x 4.7 x 1.1")   | 397 x 120 x 27 mm<br>(15.6 x 4.7 x 1.1")  |
|   | Materials                    | Aluminium  |   |
|   | Tube Length                  | 400 mm   | 450 mm                                    |
|   | Tube Material                | Rubber with Nylon Braided Sleeve   |   |
| Water Block   | Dimensions (L x W x H)       | 100 x 75 x 100 mm<br>(3.9 x 2.9 x 3.9")  |   |
|   | Materials                    | Copper, Plastic  |   |
|   | Fan Speed Mode               | PWM 400 - 2500 +/- 10% RPM   |   |
|   | Fan Airflow                  | 26.93 CFM (Max.)   |   |
|   | Fan Air Pressure             | 2.28 mm/ H2O   |   |
| Fan Bearing Type  | Long Lifespan Sleeve Bearing |  |   |
| Pump  | Dimensions (L x W x H)       | 65 x 50 x 31 mm<br>(2.6 x 2.0 x 1.2")  |   |
|   | Materials                    | PPS, GF  |   |
|   | Pump Speed                   | 5200 RPM +/- 10%   |   |
| Fan   | Model                        | Luna Series AL120  |   |
|   | Quantity Included            | 2 PCS  | 3 PCS                                     |
|   | Dimensions (L x W x H)       | 120 x 120 x 25 mm<br>(4.7 x 4.7 x 1.0")  |   |
|   | Speed Mode (PWM)             | PWM 600 - 1800 +/- 10% RPM   |   |
|   | Noise Level                  | 35.5 dBA (Max.)  |   |
|   | Airflow                      | 82.96 CFM (Max.)   |   |
|   | Air Pressure                 | 2.31 mm / H2O  |   |
|   | Connectors                   | 4-Pin (12V, PWM), 3-Pin (5V, ARGB)   |   |
|   | Rated Voltage                | DC 12V   |   |
| Bearing Type  | Long Lifespan Sleeve Bearing |  |   |
| Package Dimension (L x W x H)   |                              | 331 x 265 x 136 mm<br>(13 x 10.4 x 5.3")   | 459 x 244 x 136 mm<br>(18.1 x 9.6 x 5.3") |
| Net Weight  |                              | 0.9 kg / 2 lb  | 1.1 kg / 2.2 lb                           |
| Gross Weight  |                              | 2.1 kg / 4.6 lb  | 2.5 kg / 5.5 lb                           |
| Warranty  |                              | 3 Years  |   |
| * Specifications may vary based on different regions.<br>* InWin's products comply with RoHS regulations. |                              |  |   |



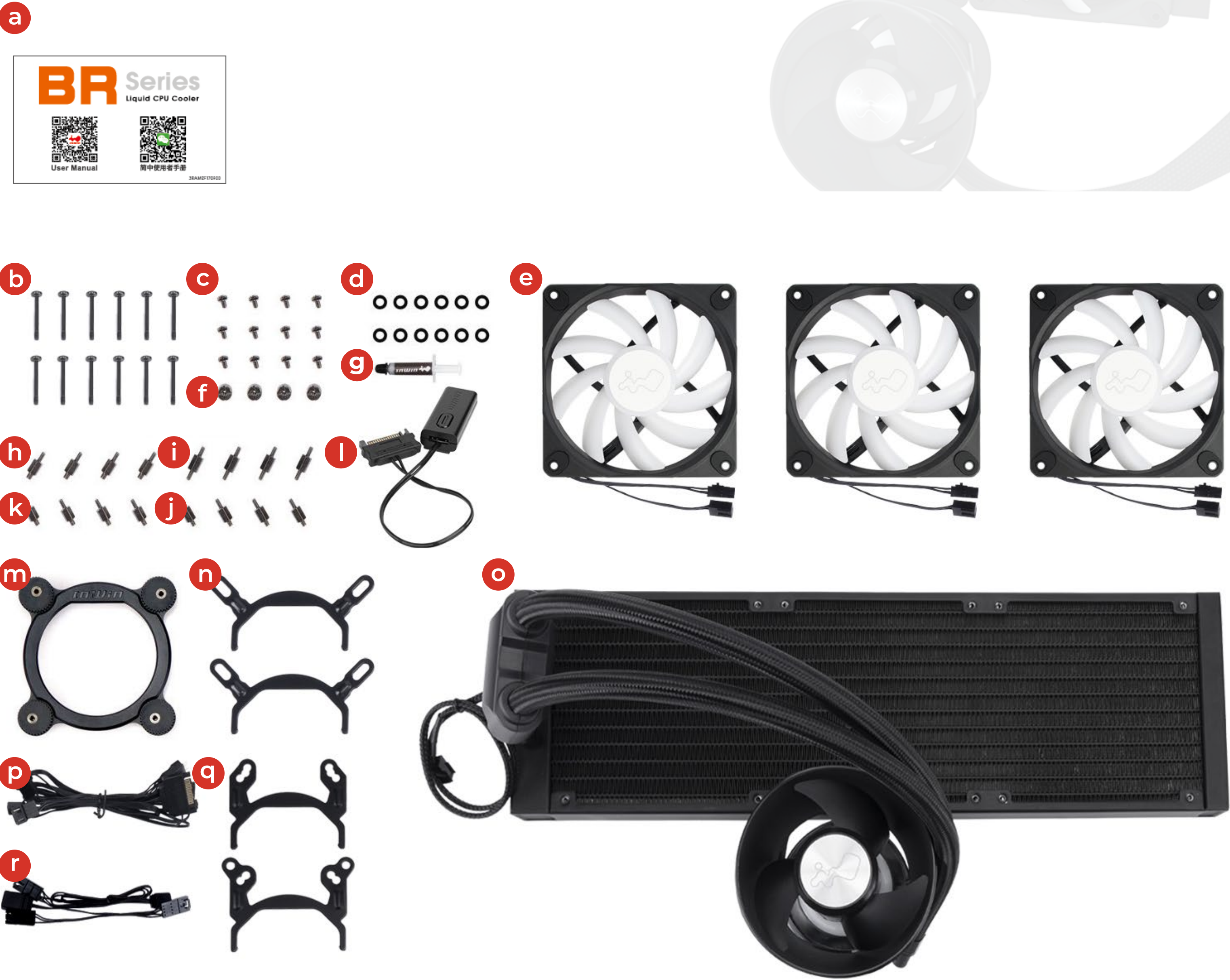
# BR24 Package Contents



|    |                                       |    |  |
|----|---------------------------------------|----|--|
| a. | QR Code Card x1                       | j. | 240 Radiator x1                            |
| b. | Intel Mounting Bracket x2             | k. | Main Cable<br>( SATA + ARGB + PWM ) x1     |
| c. | AMD Mounting Bracket x2               | l. | Washer x8                                  |
| d. | Luna AL120 Fan x2                     | m. | Fan Screws x8                              |
| e. | Intel CPU Backplate x1                | n. | Radiator Screws x8                         |
| f. | Standoff Screws x4<br>(LGA 20XX)      | o. | ARGB One-Click Controller<br>Ver. 1.1 x1   |
| g. | Standoff Screws x4 (AMD)              | p. | ARGB Cable to M/B<br>(5V, 3-pin) 1 to 3 x1 |
| h. | Standoff Screws x4 (TR4)              | q. | Thumbscrew Cap x4                          |
| i. | Standoff Screws x4<br>(LGA 115X/1366) | r. | Thermal Compound x1                        |



# BR36 Package Contents



|    |                                    |    |   |
|----|------------------------------------|----|---|
| a. | QR Code Card x1                    | j. | Standoff Screws x4 (AMD)                |
| b. | Fan Screws x12                     | k. | Standoff Screws x4 (TR4)                |
| c. | Radiator Screws x12                | l. | ARGB One-Click Controller Ver. 1.1 x1   |
| d. | Washer x12                         | m. | Intel CPU Backplate x1                  |
| e. | Luna AL120 Fan x3                  | n. | Intel Mounting Bracket x2               |
| f. | Thumbscrew Cap x4                  | o. | 360 Radiator x1                         |
| g. | Thermal Compound x1                | p. | Main Cable ( SATA + ARGB + PWM ) x1     |
| h. | Standoff Screws x4 (LGA 20XX)      | q. | AMD Mounting Bracket x2                 |
| i. | Standoff Screws x4 (LGA 115X/1366) | r. | ARGB Cable to M/B (5V, 3-pin) 1 to 3 x1 |



# Installation Guide

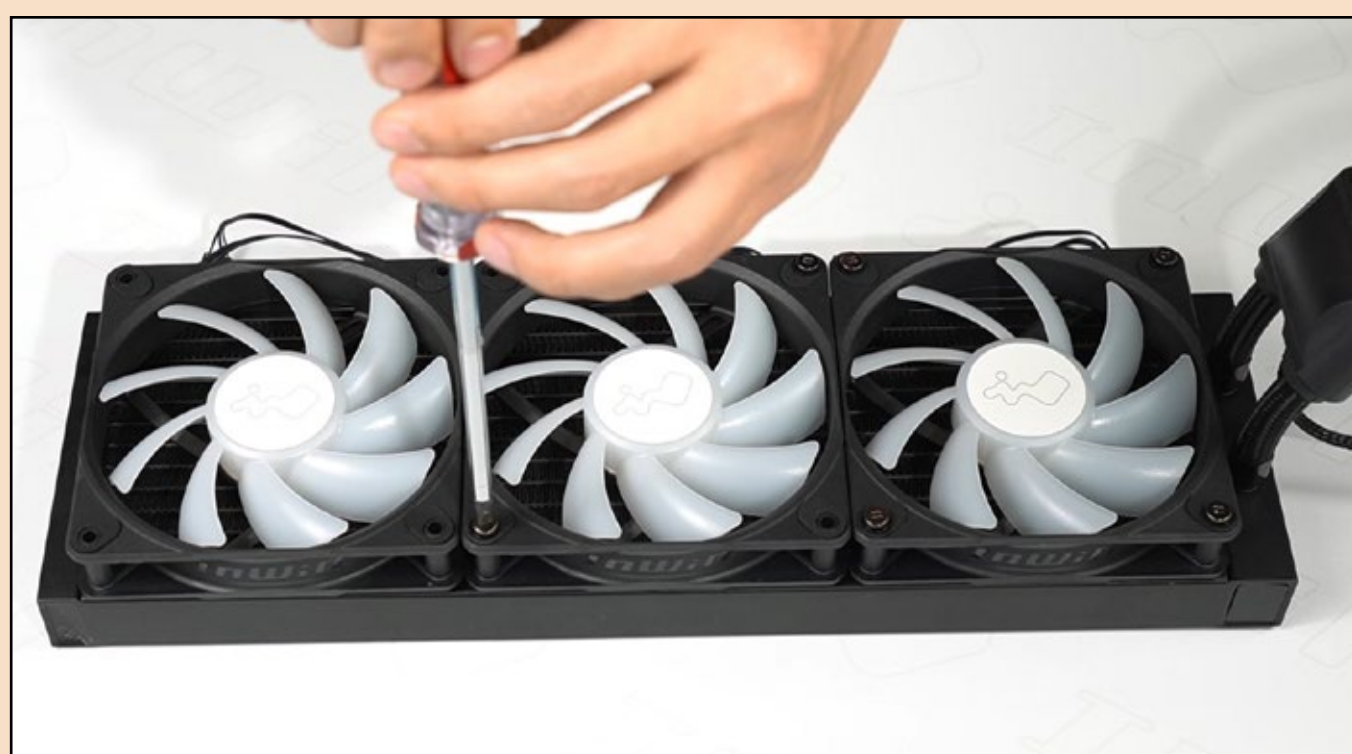
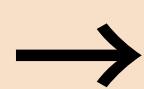
\* Please follow the related chapters to assemble.

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

## 1. Install AL120 Fans to Radiator.

Parts Required: 240mm/360mm radiator, Luna AL120 Fans, Washers, Fan Screws

\* Note: Please be sure to use a washer on each screw before installation.



## 2. Install Fans and Radiator combo to your PC chassis.

Parts Required: Radiator Screws



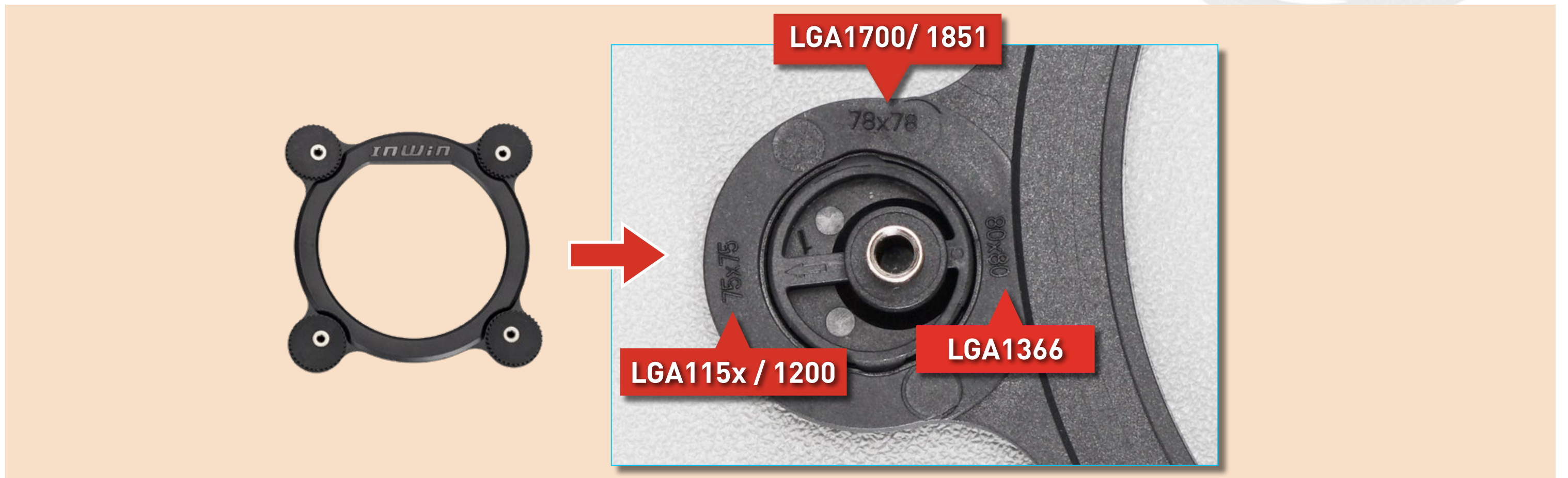


# Installation Guide

## 3. Installation for motherboards.

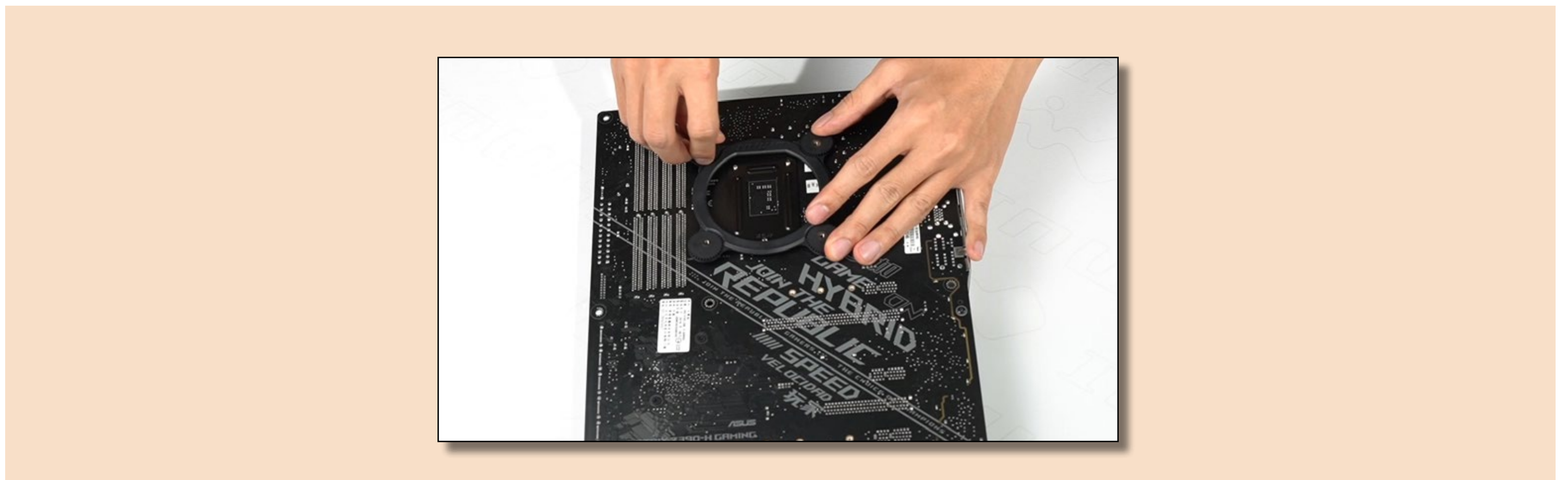
### A. For Intel Motherboards (LGA 115X/1200/1366/20XX/1700/1851) :

- (1) Switch the Intel backplate pins according to the CPU socket of your motherboard.



- (2) Attach the Intel backplate to the bottom of the motherboard.

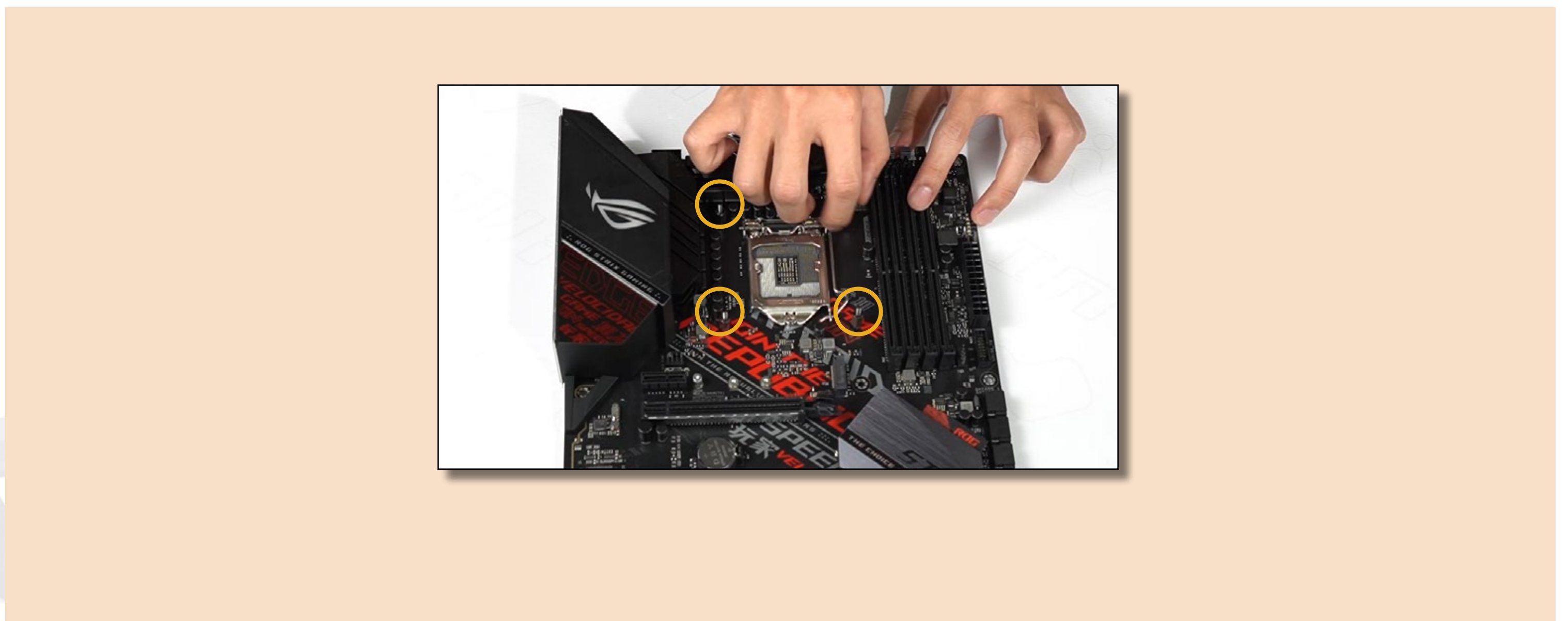
\* Note: Intel LGA 20XX does not require backplate installation.



- (3) Install the standoff screws onto your motherboard. Ensure to use the correct standoff screws for your CPU socket.

Parts Required: Standoff Screws (LGA 115X/1200/1366/20XX/1700/1851)

\* Note: Intel LGA 20XX does not require backplate installation.



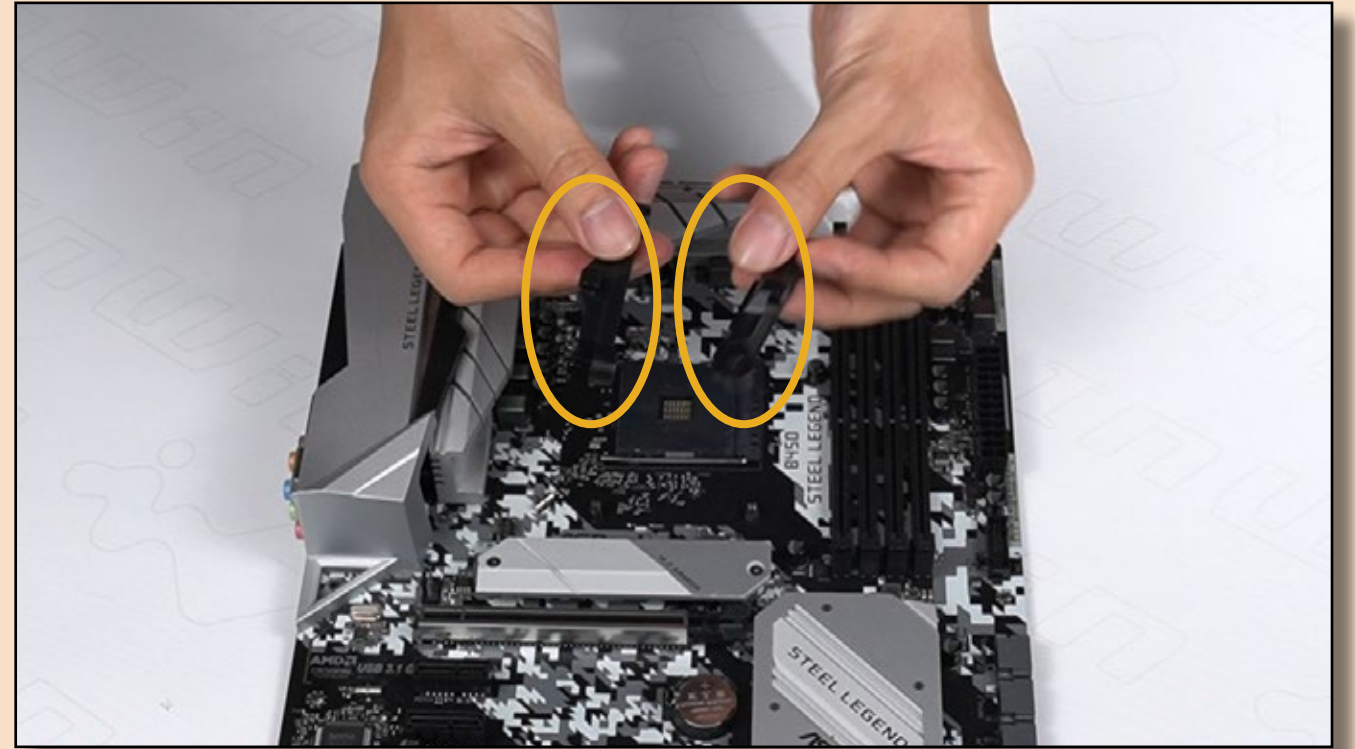
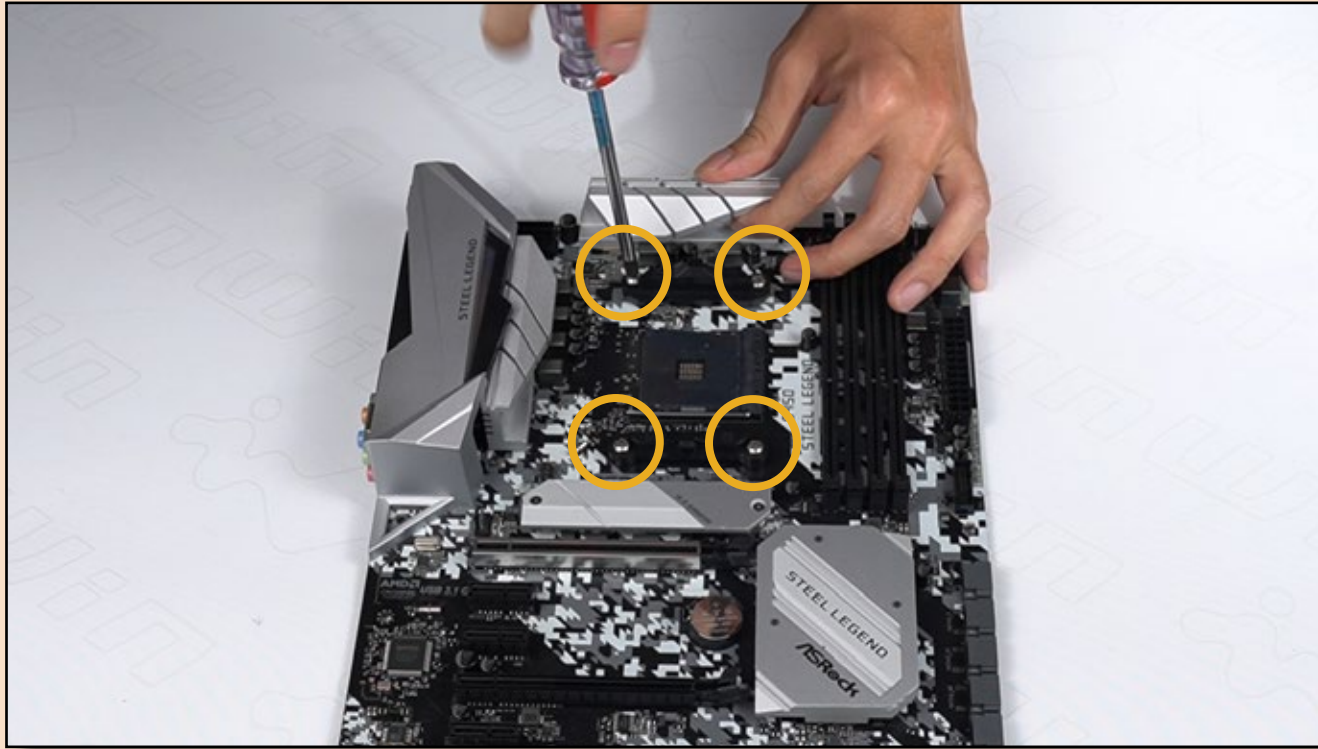


# Installation Guide

## 3. Installation for motherboards.

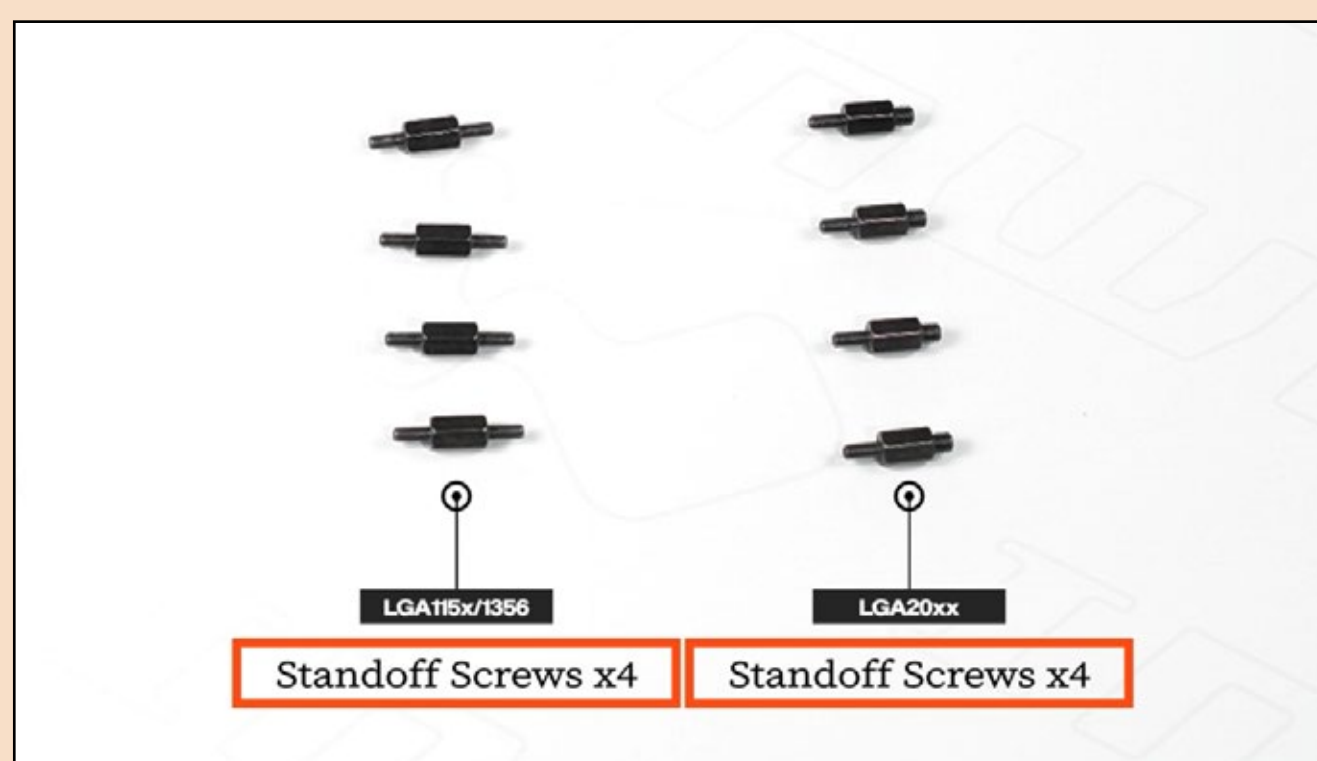
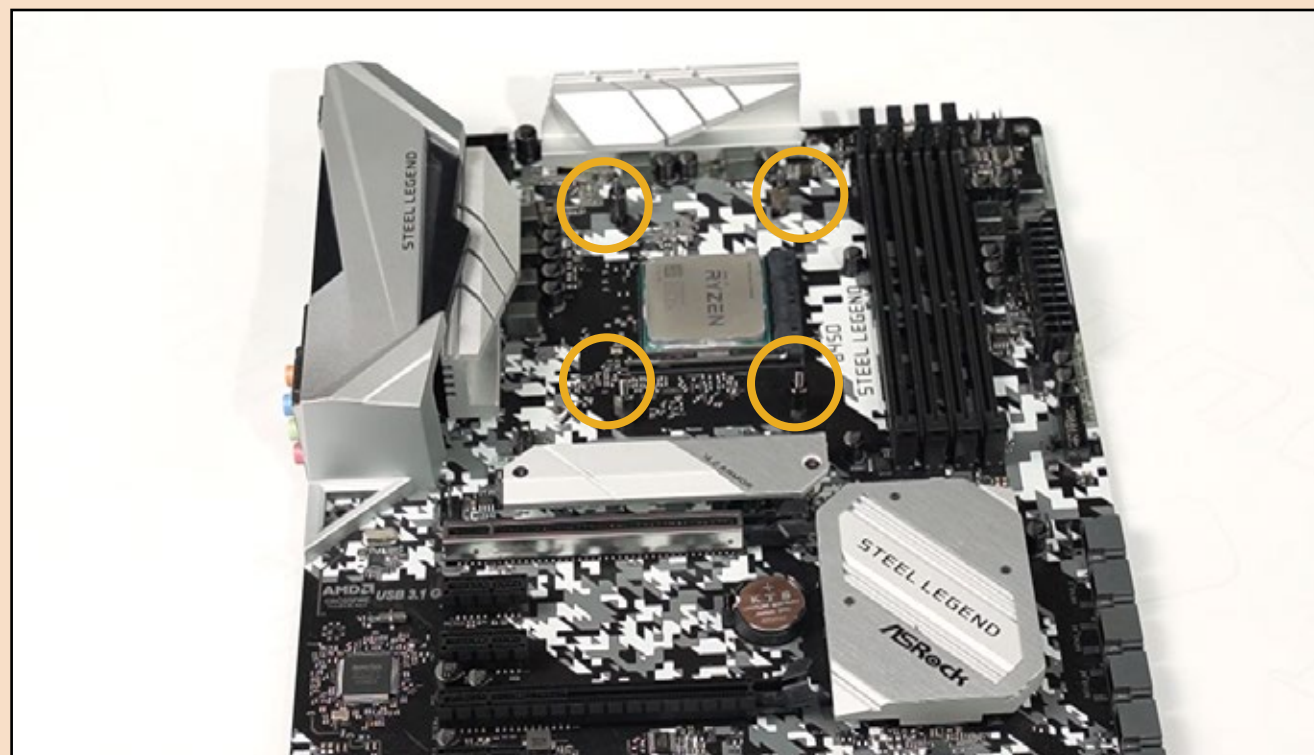
### B. For AMD Motherboards (AMD or TR4) :

- (1) Please remove the retention module. AMD's backplate comes with AMD's motherboard. Attach it to the bottom of motherboard.



- (2) Install the standoff screws onto your motherboard. Ensure to use the correct standoff screws for your CPU socket.

Parts Required: Standoff Screws (AMD or TR4)



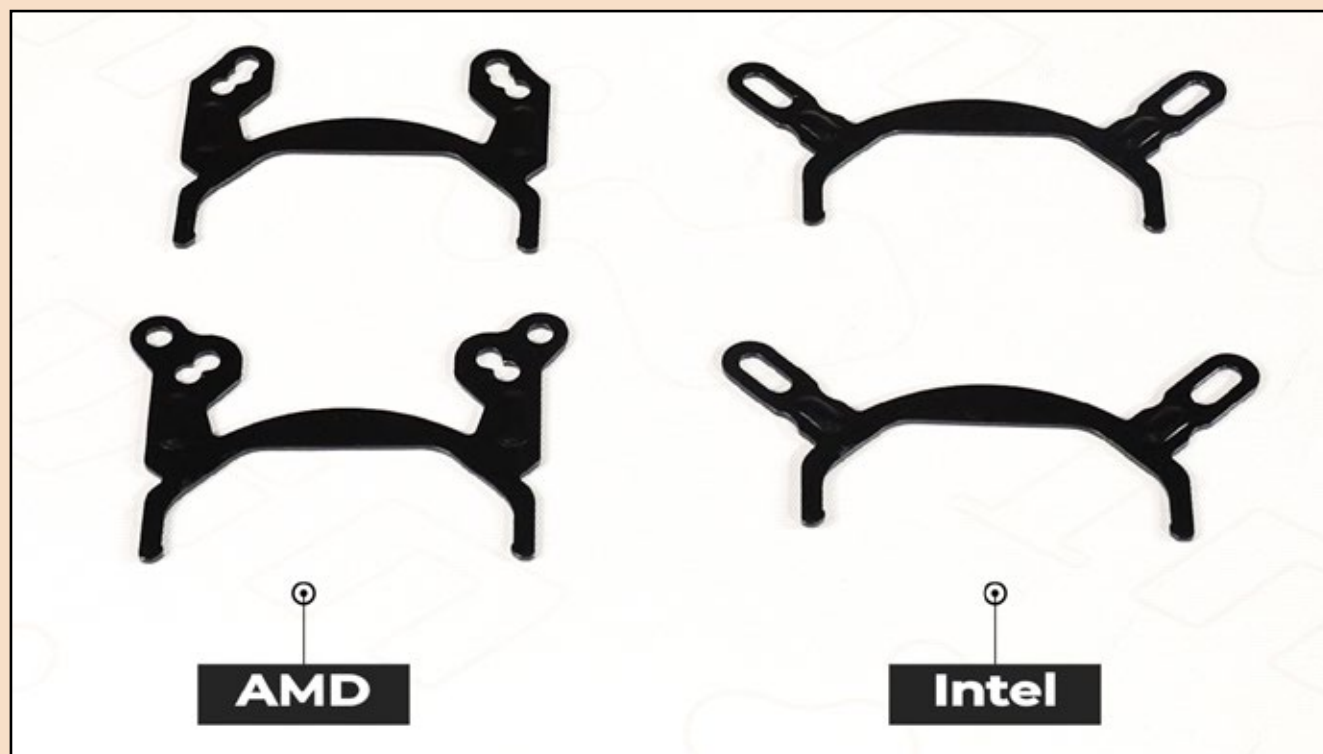


# Installation Guide

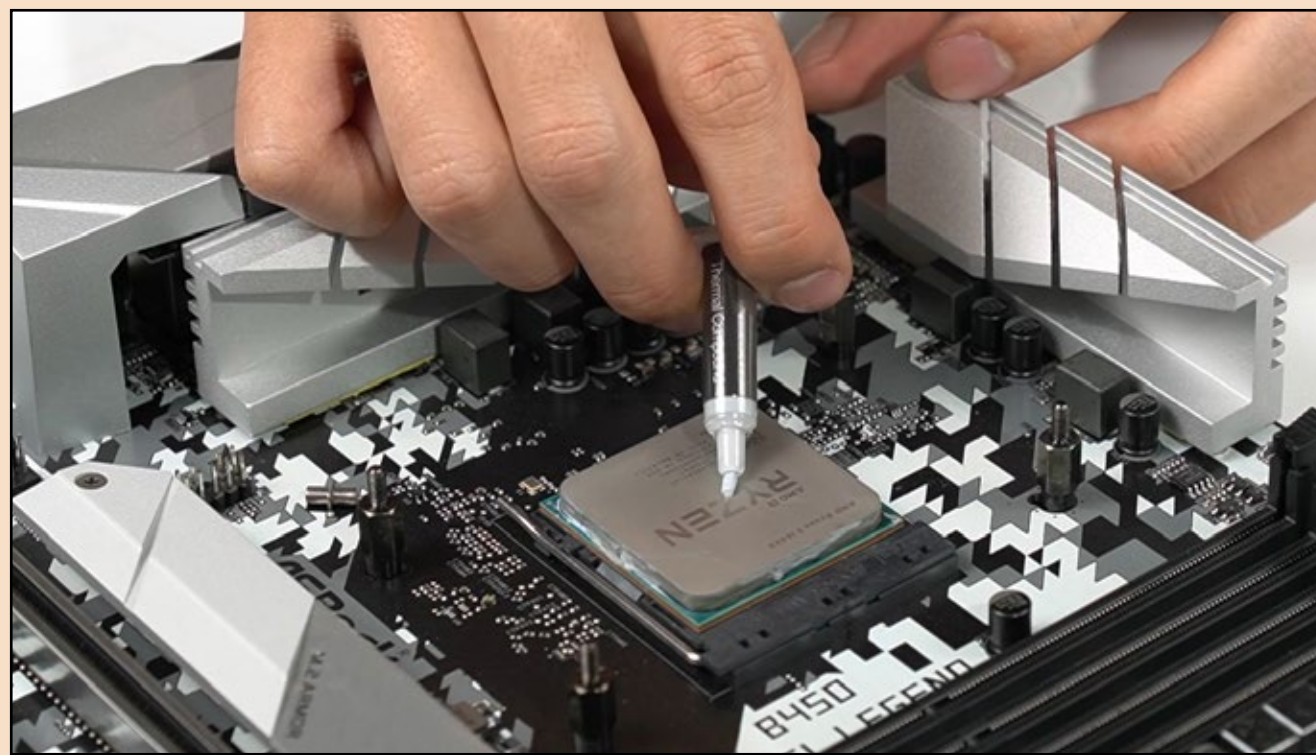
## 4. Install the Pump Unit.

A. Choose your Mounting Bracket according to your CPU.

Parts Required: Mounting Bracket, Thumbscrew Cap, Thermal Compound



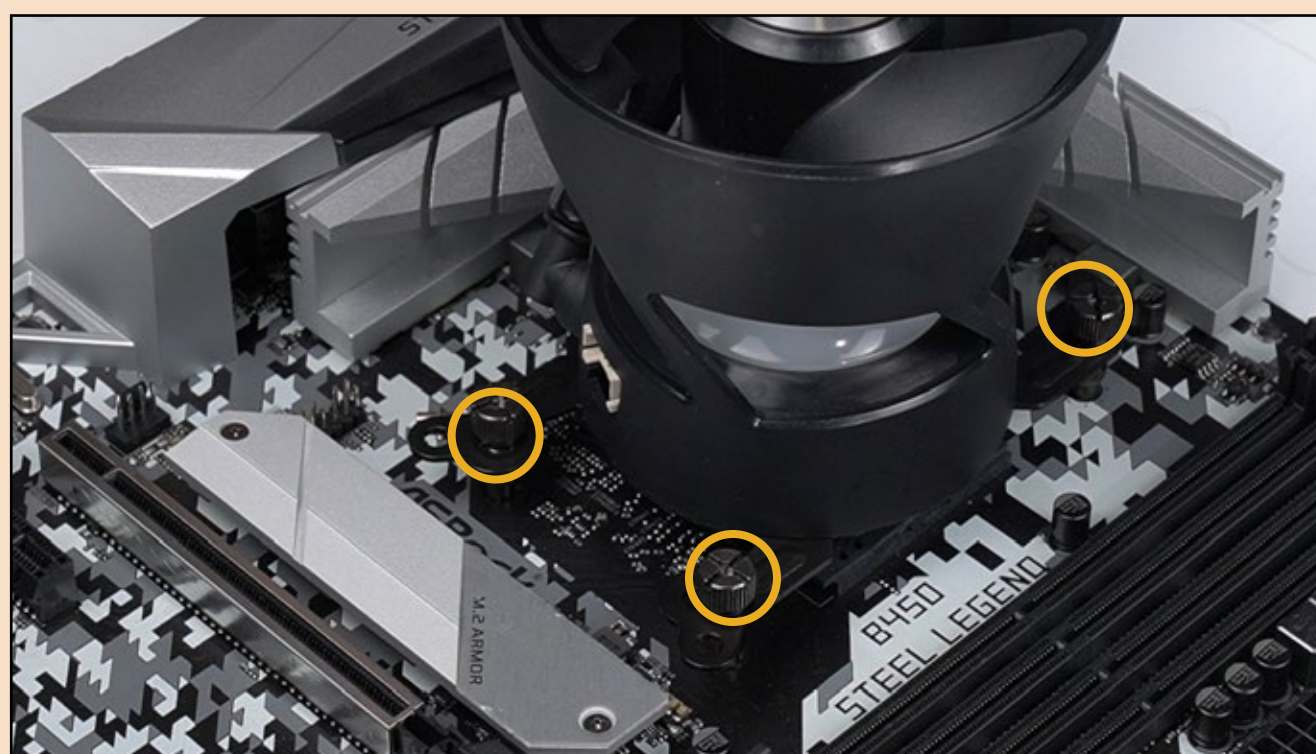
B. Apply the Thermal Compound evenly on the CPU surface.



C. Remove the protect film from the cold-plate.



D. Install the water block and then tighten it with the Thumbscrews.



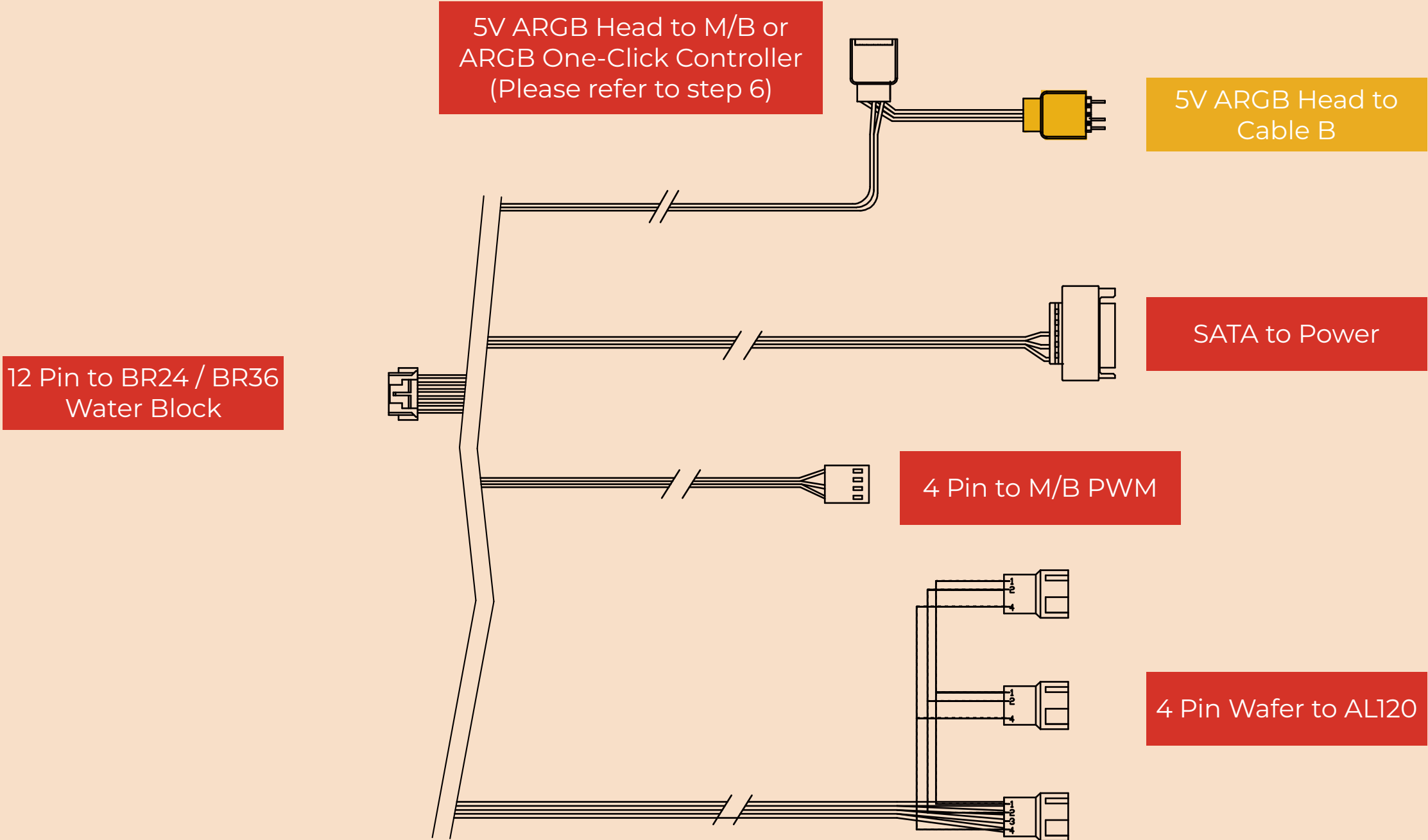


# Installation Guide

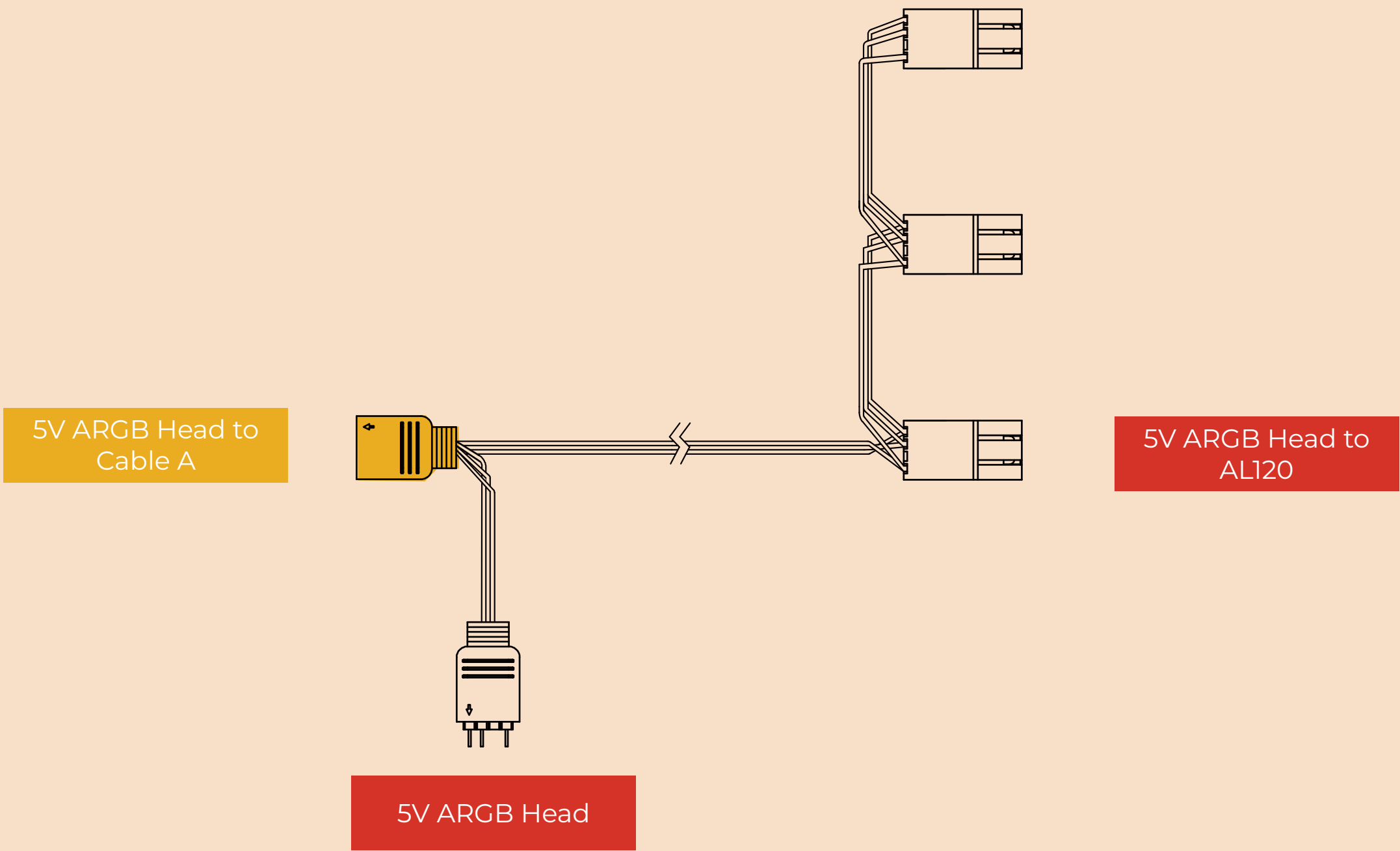
## 5. Connection Cables.

Parts Required: Main Cable (SATA + ARGB + PWM), ARGB Cable (5V, 3-pin), Pump Cable(AIO Pump)

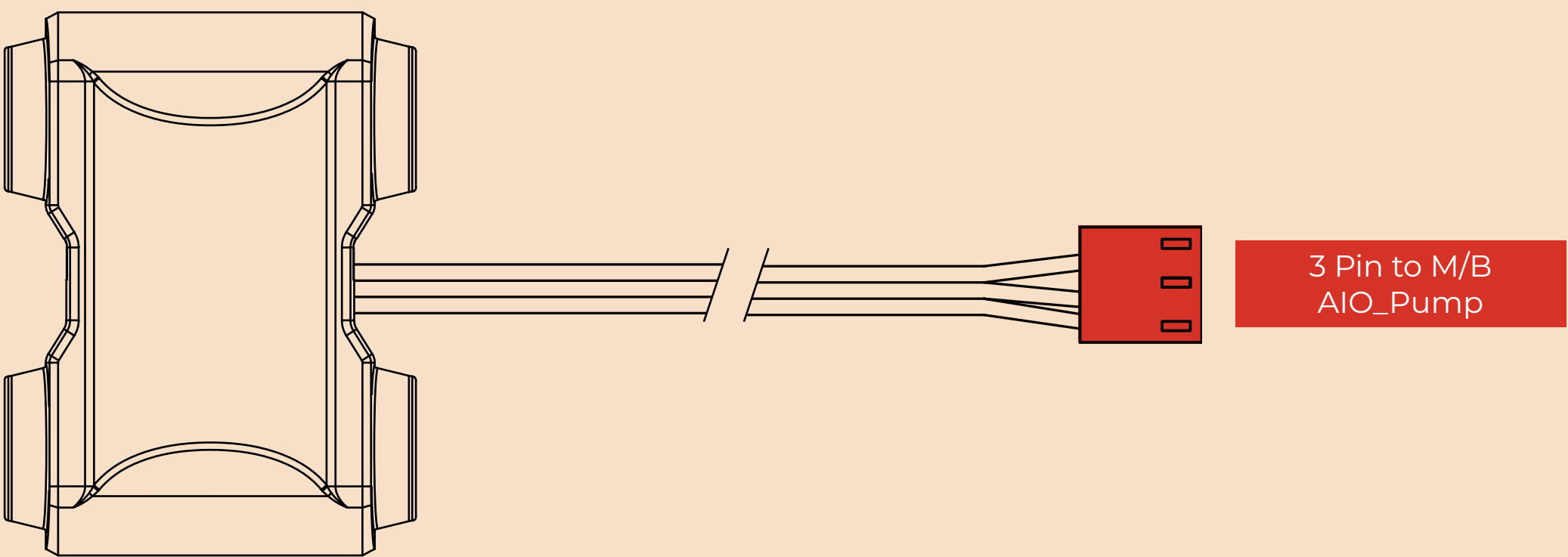
### Cable A: Main Cable (SATA + ARGB + PWM)



### Cable B: Addressable Cable (5V, 3-pin)



### Cable C: Pump Cable (AIO Pump)



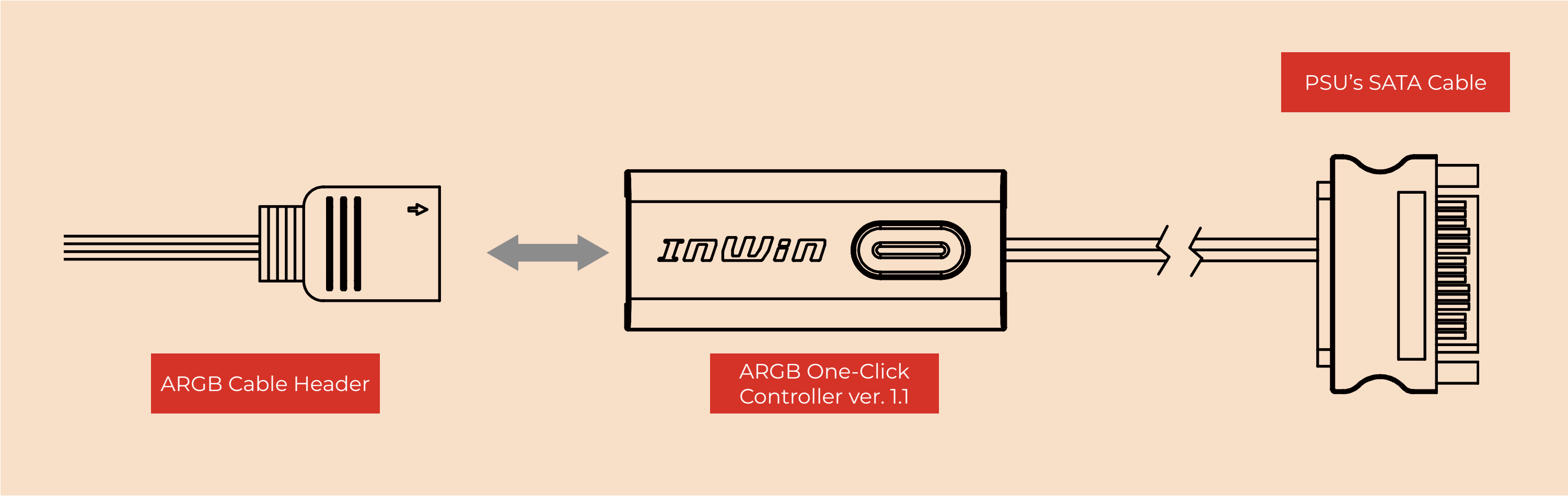
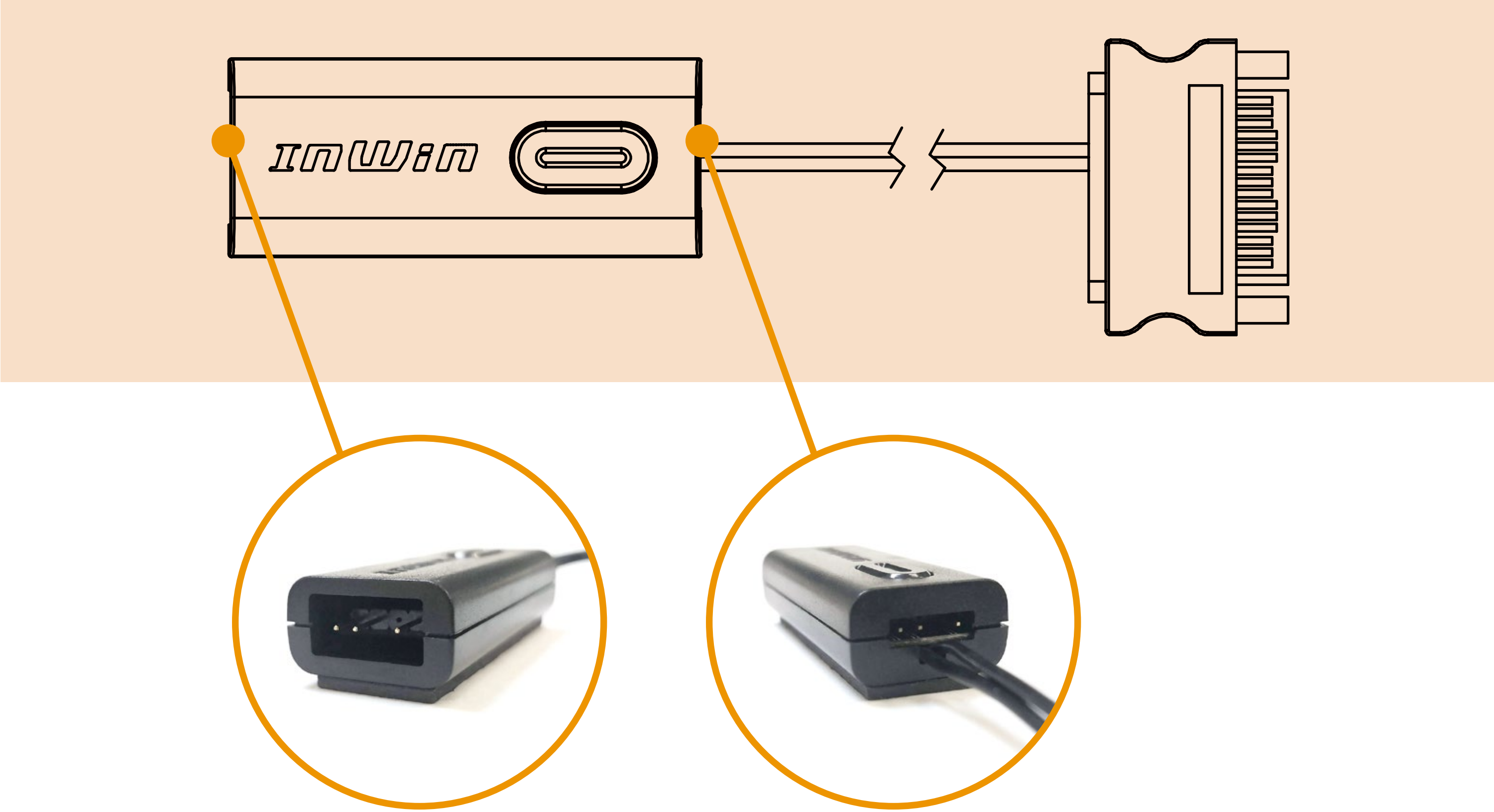


# Installation Guide

## 6. ARGB One-Click Controller Ver. 1.1 Installation

Please use the included ARGB One-Click Controller to connect to your PSU's SATA cable and the Addressable Cable in order to use the 14 different of lighting effects.

\* Note: Please follow this step if your motherboard does not support ARGB effect.





# Installation Guide

## 6. ARGB One-Click Controller Ver. 1.1 Installation

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

|   |                                |    |                     |
|---|--------------------------------|----|---------------------|
| 1 | Rainbow                        | 8  | Two-Tone Ring       |
| 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           |

\* InWin reserves the right to change the lighting modes.

\*For more installation instructions, please scan the QR Code below or watch the video in the website <https://youtu.be/07-okZ7fEvU>

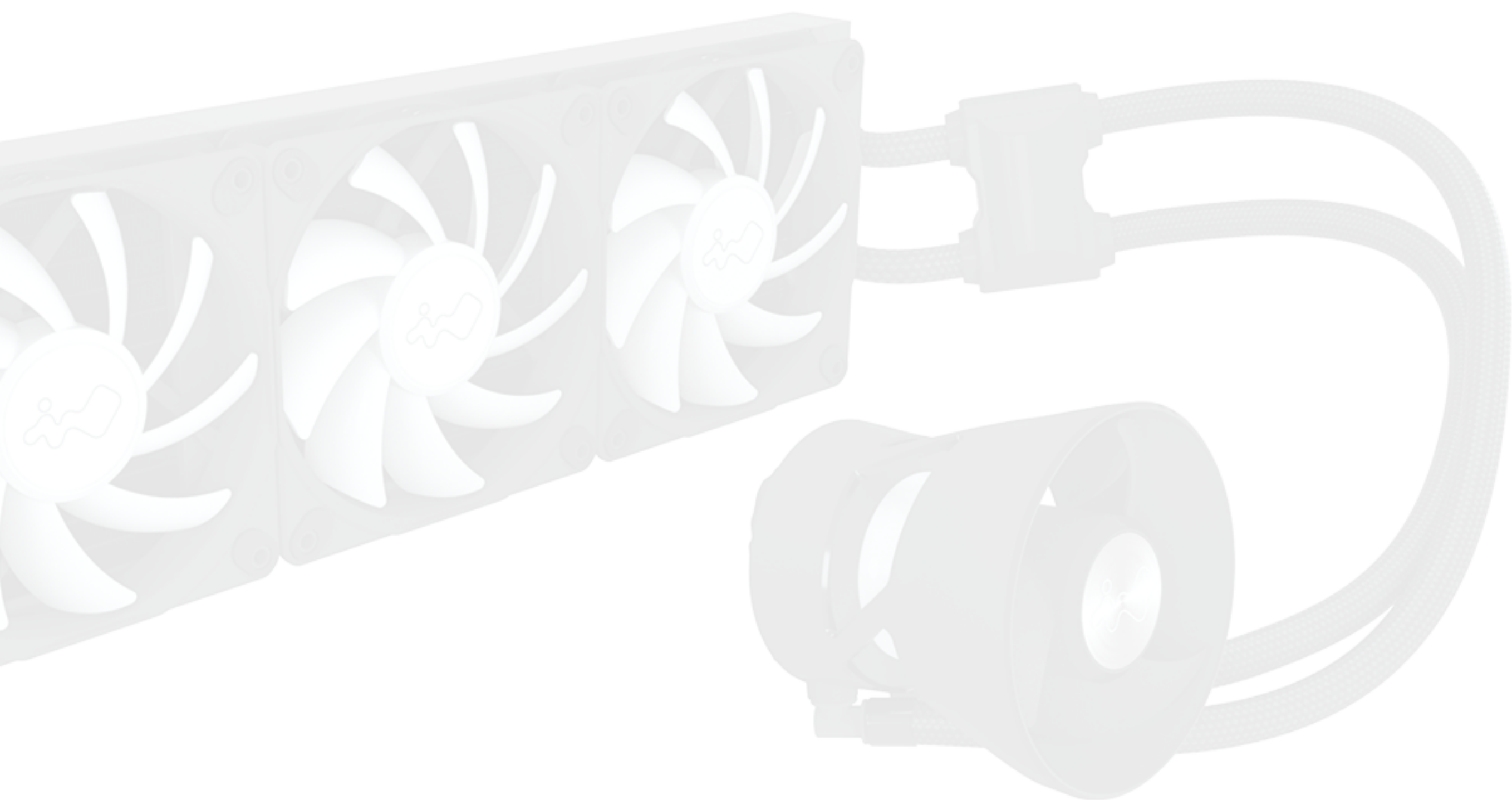




# Troubleshooting

**If your AIO pump or fan does not operate properly, please follow the instructions below:**

1. Please check your system's power.
2. Please make sure all the connectors are connected properly.
3. For more technical support, please visit the InWin Forum website at <https://forum.in-win.com/>





# Notices and Warranty

## ■ Notices

1. Install in accordance with the user manual's instructions and safety warnings. Incorrect installation may burnout the motherboard and other system components.
2. Keep this product away from areas with high temperatures such as: heat dissipation machines, air conditioners or other machines which may generate high temperatures.
3. Please do not put anything in the impeller.
4. Do not modify the cables and/or connectors included with this product.
5. Please do not put your hands or other objects into the fan blades when the fan is in operation. And please make sure to keep away from children and pets.
6. Please only use this product in a computer case.
7. Please keep this product away from any liquids.
8. 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](http://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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