VALKYRIE

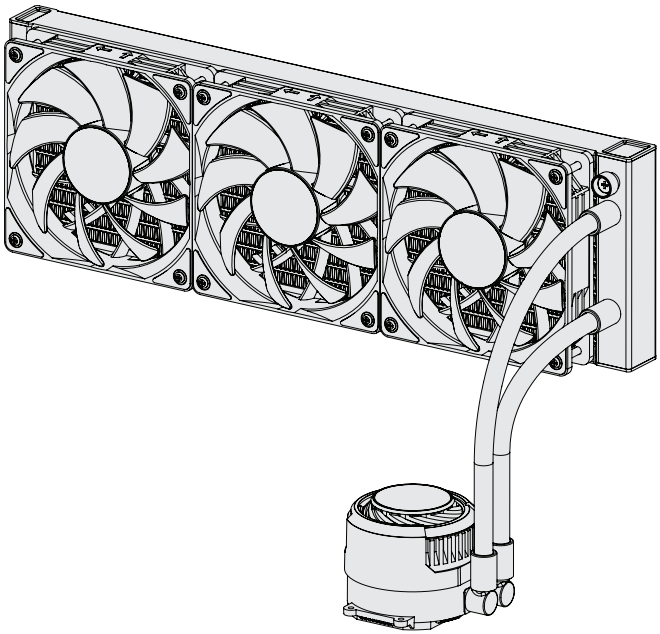
INSTALLATION GUIDE

Valkyrie Jarn 240/280/360/420/480

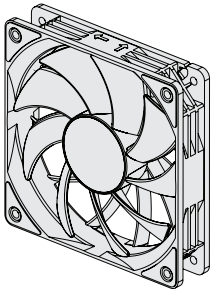
YRIE

EN AIO Water Cooling Parts

1x AIO water cooling radiator



Fan

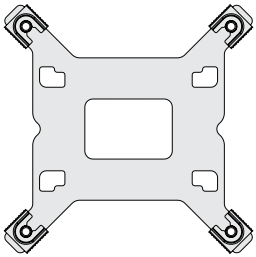


2 x with Valkyrie Jarn 240
3 x with Valkyrie Jarn 360
4 x with Valkyrie Jarn 480

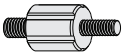
2 x with Valkyrie Jarn 280
3 x with Valkyrie Jarn 420

1x Wire Kit & Hub Set

1x Intel Backplate

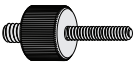


4x Intel / AMD Bolts



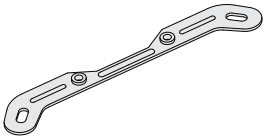
4x Nuts

4x LGA2011 Bolts

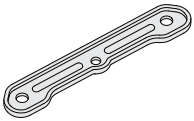


4x Bracket Installation Screws

2x Intel Brackets



2x AMD Brackets



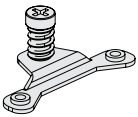
Fan screw

120 x 4 / 140 x 4 / 240 x 8 / 280 x 8
360 x 12 / 420 x 12 / 480 x 16

Fan screw
(extended)

120 x 4 / 140 x 4 / 240 x 8 / 280 x 8
360 x 12 / 420 x 12 / 480 x 16

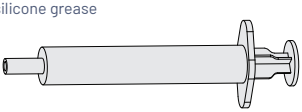
2x AMD fastener



Radiator screw

120 x 4 / 140 x 4 / 240 x 8 / 280 x 8
360 x 12 / 420 x 12 / 480 x 16

1x Thermally conductive
silicone grease



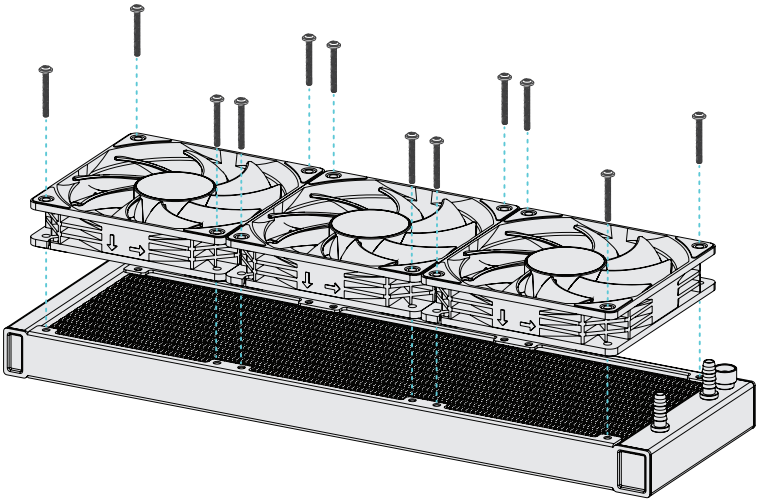
*Please check the received goods to make sure the parts are complete.

WATER COOLING

Radiator Installation

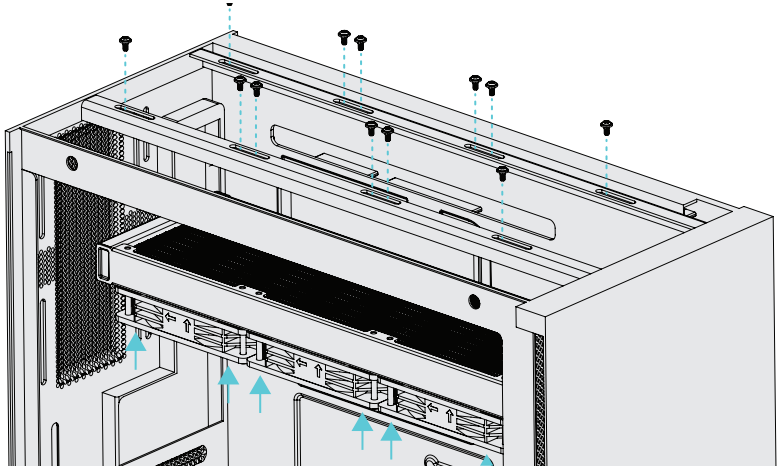
Step 1: Install fan

Use the fan screws to secure the fan to the radiator.
*Please use the shorter fan screws. DO NOT use extended screws to secure the cooling fan.



Step 2: Install radiator

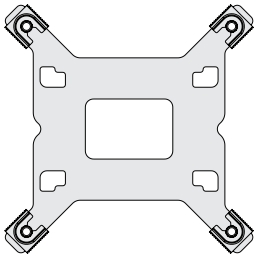
Use the radiator screws to secure the radiator to the case.



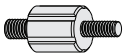
EN Intel LGA1200/1700 Installation

We have marked the parts required for installing the Intel LGA1200/1700 platform for you.

1x Intel Backplate



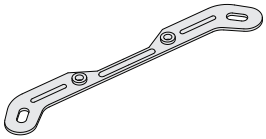
4x Intel / AMD Bolts



4x Nuts

4x Bracket Installation Screws

2x Intel Brackets

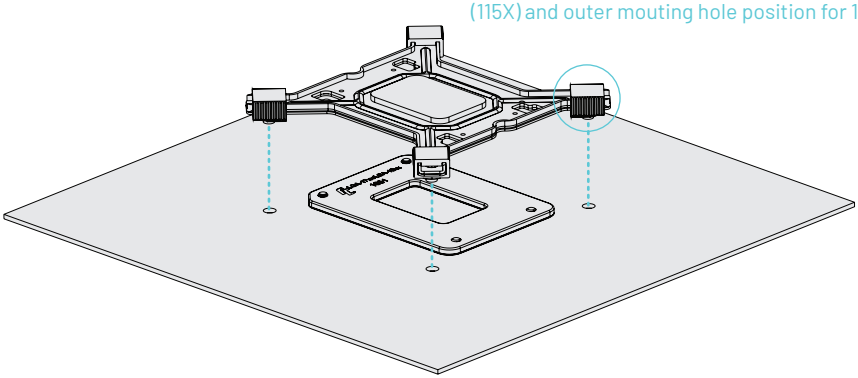


Step 1: Install the backplate

1. Align the backplate to the corresponding platform holes.
2. Install the backplate onto the back of the motherboard.

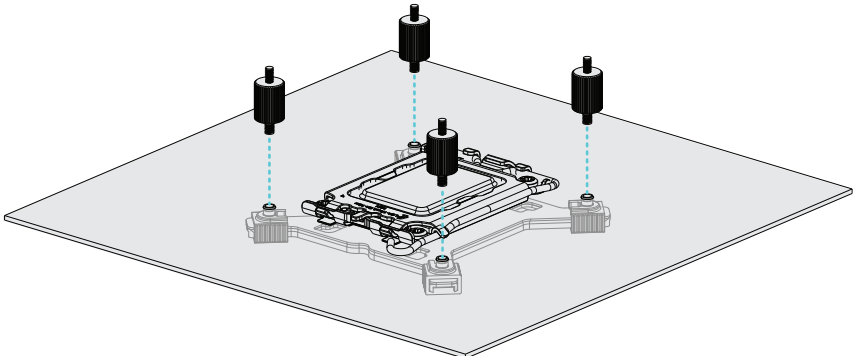
* You may slide it to adjust for alignment with corresponding platform holes.

* Use the inner mounting hole position for 1200 (115X) and outer mouting hole position for 1700.



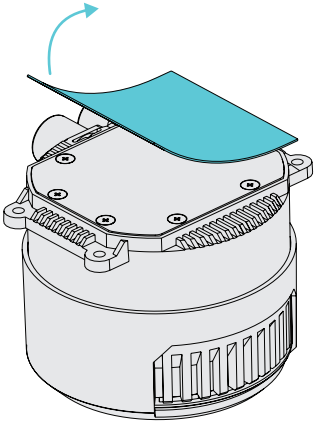
Step 2: Install screws

Install Intel/AMD bolts to the motherboard.
*The larger end of the screw faces down.



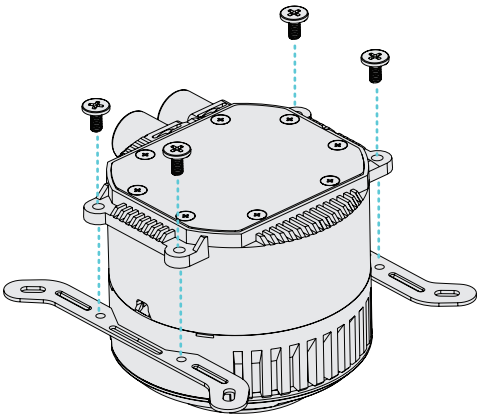
Step 3: Removing protective sticker

Tear off the protective sticker from the coldplate.
* it is critical to the cooling performance.



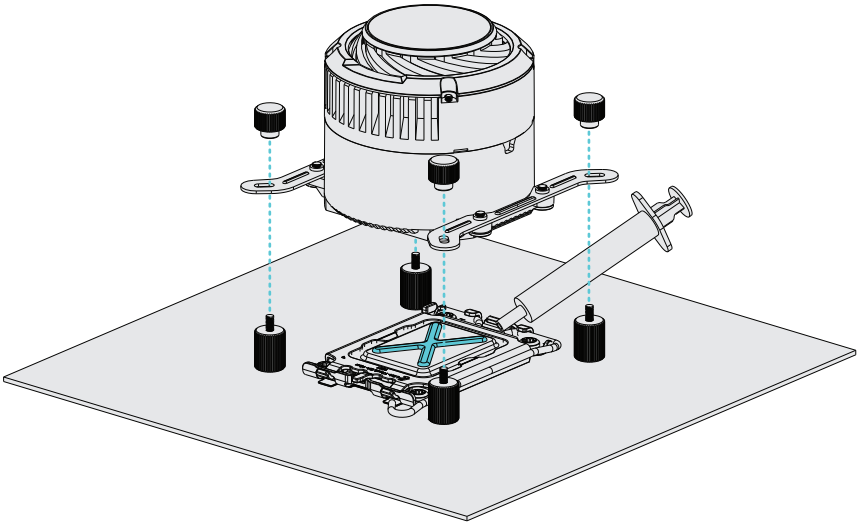
EN Step 4: Install bracket

Use bracket bolts to install the bracket to the water block.



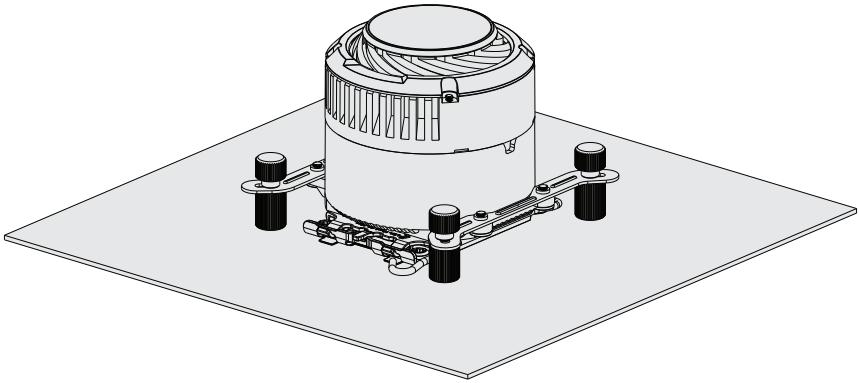
Step 5: Install water block

1. Spread the thermal grease on the CPU surface.
2. Put the water block onto the studs and use nuts to fix it.



Step 6: Complete installation

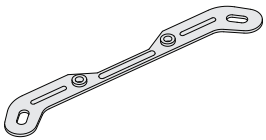
Please refer to the “Wiring” for wiring.



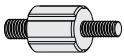
EN Intel LGA2011/2066 Installation

We have marked the parts required for installing the Intel LGA2011/2066 platform for you.

2x Intel Brackets



4x LGA2011 bolts

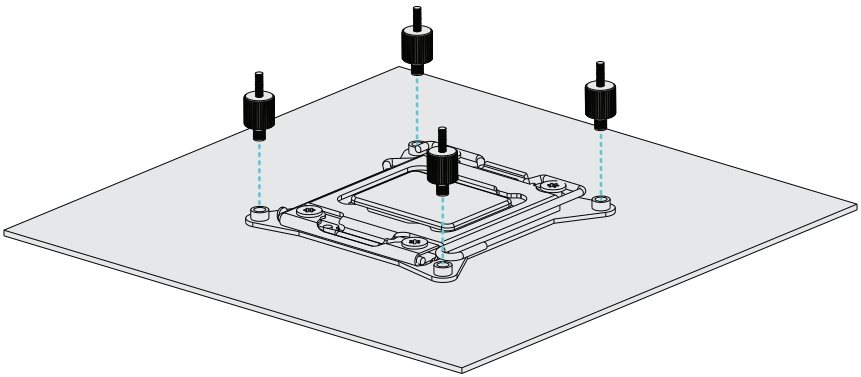


4x Nuts

4x Bracket Installation Screws

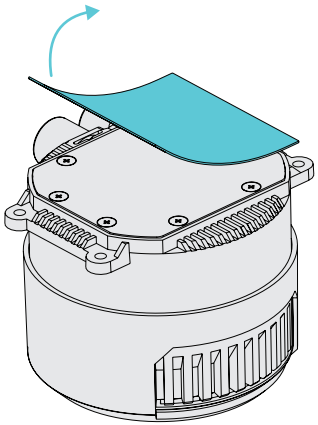
Step 1: Install screws

Install Intel LGA2011 bolts to the motherboard.



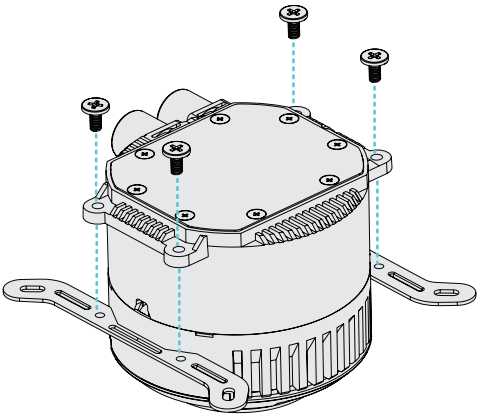
Step 2: Removing protective sticker

Tear off the protective sticker from the coldplate.
*it is critical to the cooling performance.



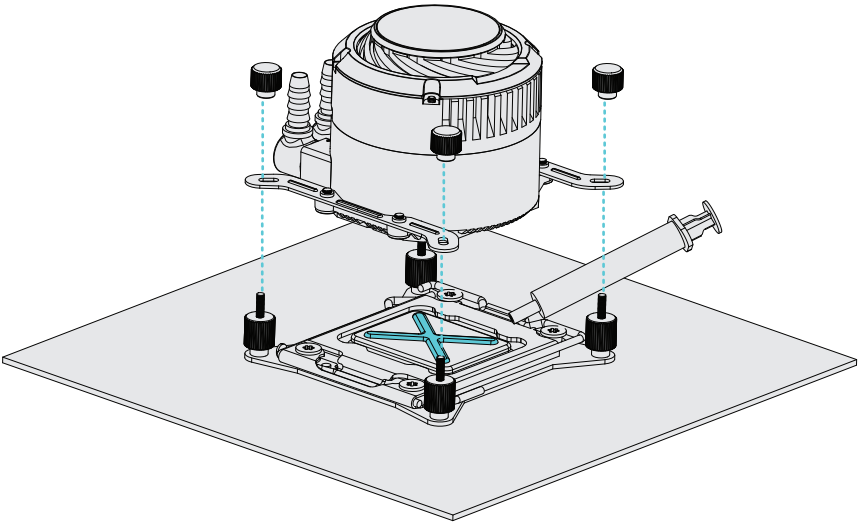
Step 3: Install bracket

Use bracket bolts to install the bracket to the water block.



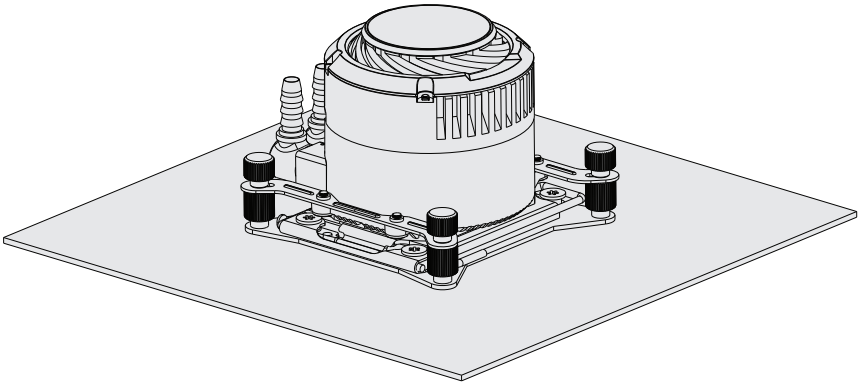
EN Step 4: Install water block

1. Spread the thermal grease on the CPU surface.
2. Put the water block onto the studs and use nuts to fix it.



Step 5: Complete installation

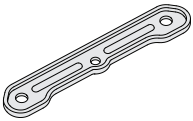
Please refer to the “Wiring” for wiring.



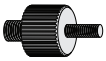
EN AMD AM4/AM5 Installation

We have marked the parts required for installing the AMD/AM4 platform for you.

2x AMD brackets

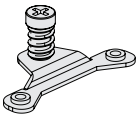


4x Intel / AMD bolts



4x Nuts

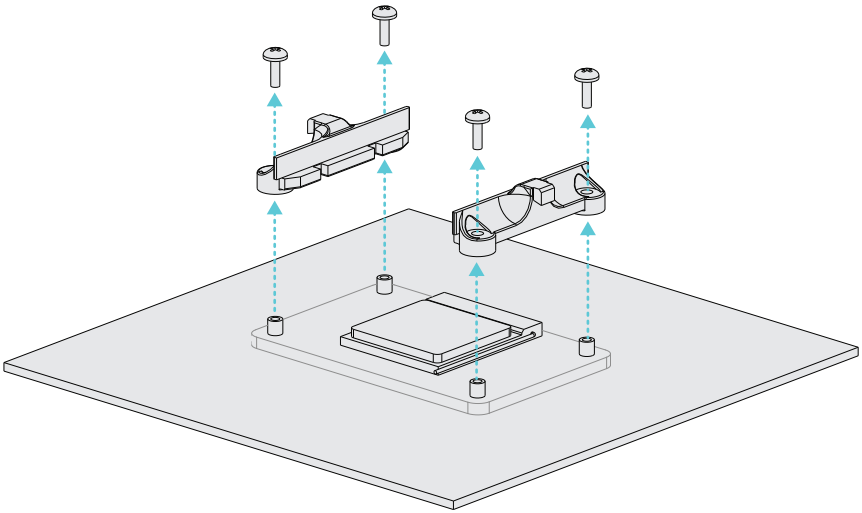
2x AMD fastener



4x Bracket Installation Screws

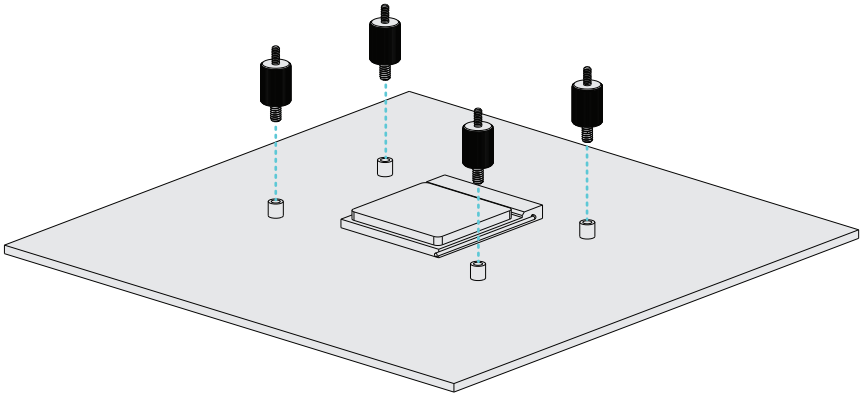
Step 1: Prepare the motherboard

Screw out the 4 bolts. Remove the original bracket on the motherboard. Keep the original backplate.



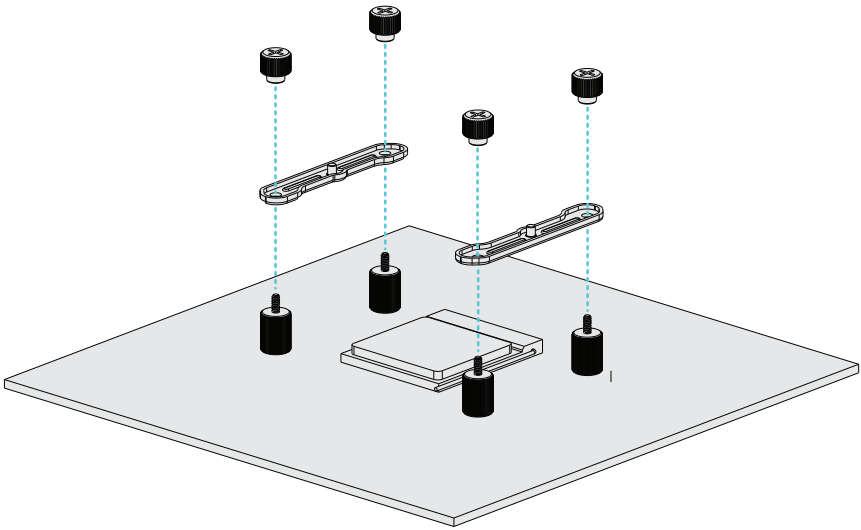
Step 2: Install screws

Install Intel/AMD bolts to the motherboard.
*The larger end of the screw faces down.



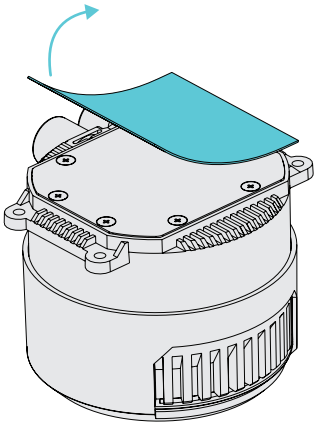
Step 3: Install brackets

Install AMD brackets onto the screws and tighten them with nuts.



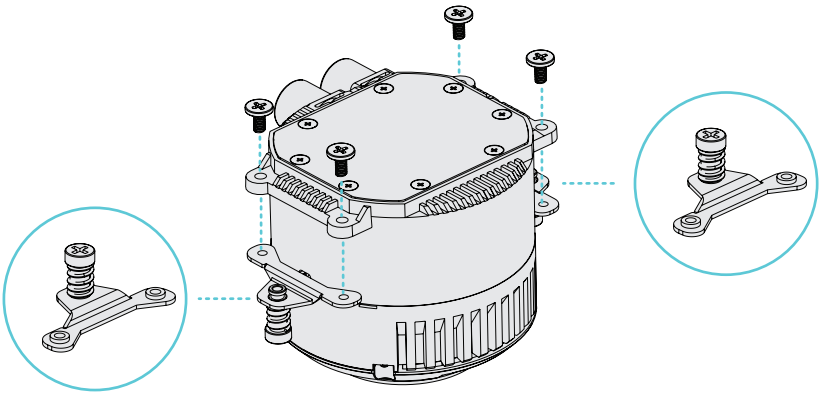
EN Step 4: Removing protective sticker

Tear off the protective sticker from the coldplate.
*it is critical to the cooling performance.



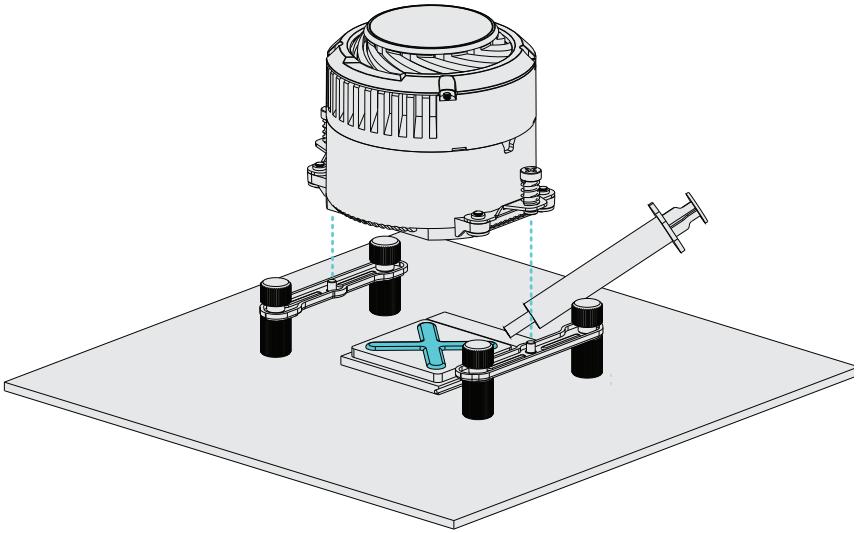
Step 5: Install AMD fastener

Use bracket bolts to install the AMD fastener to the water block.



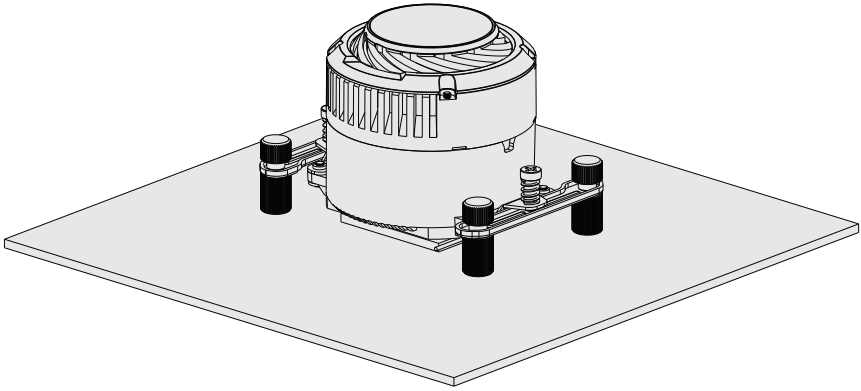
Step 6: Install Water Block

1. Spread the thermal grease on the CPU surface.
2. Align the bracket to the holes and tighten the spring screws on both ends.



Step 7: Complete installation

Please refer to the "Wiring" for wiring.



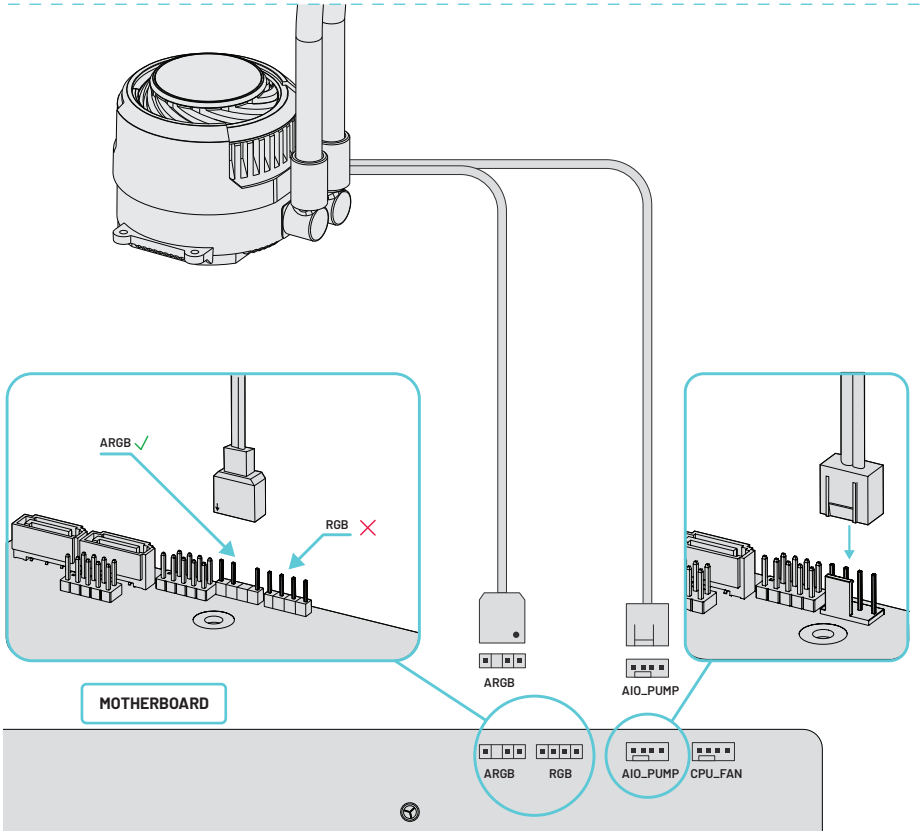
WIRING

Connecting the water block to the motherboard

1. Connect the water pump 4PIN connector into the AIO_PUMP header on the motherboard.

2. Plug the water block A-RGB connector into the A-RGB header on the motherboard.

* If there is only one A-RGB header on the motherboard, the water block A-RGB connector may be connected to the Valkyrie HUB.



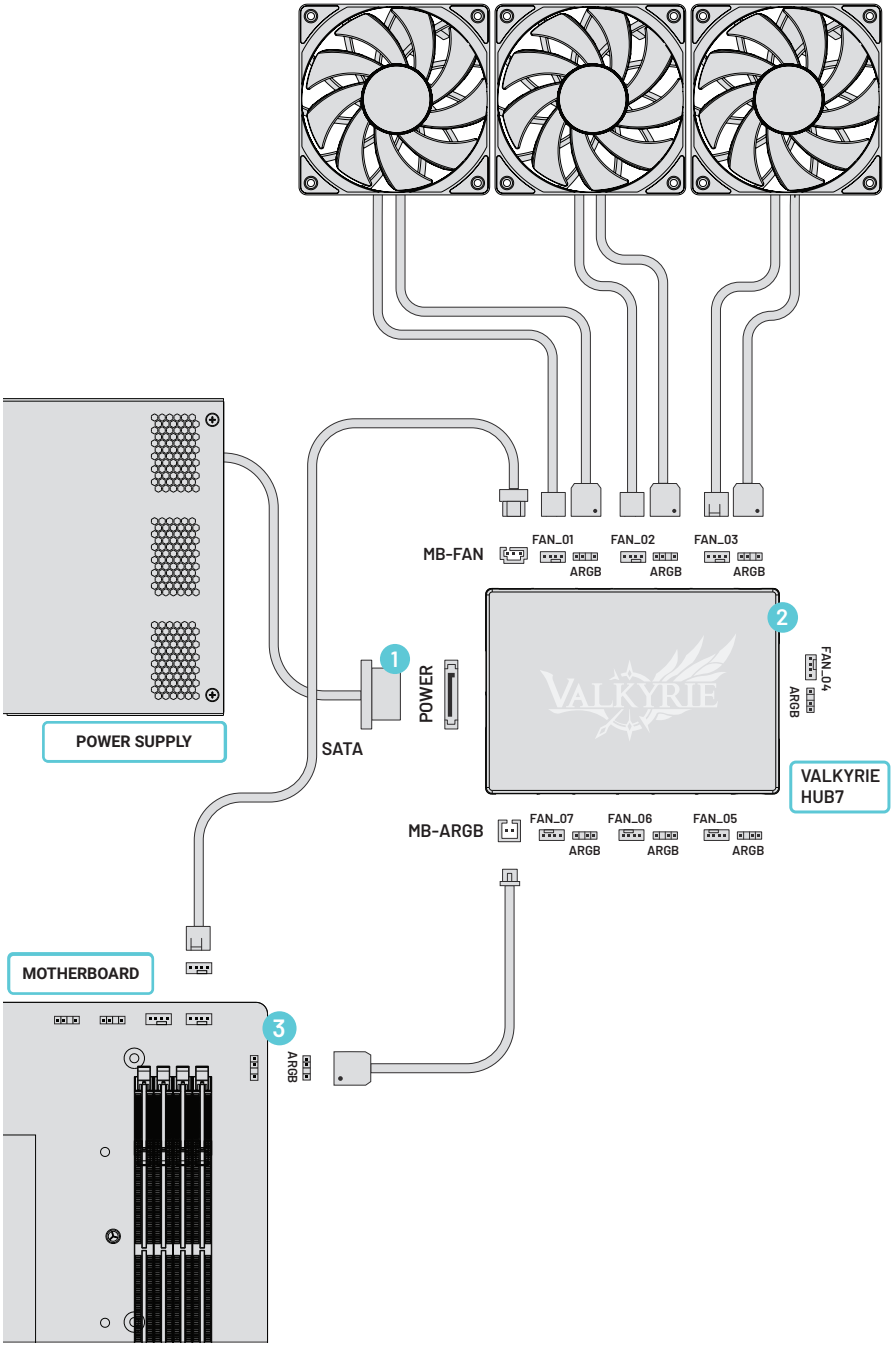
EN Valkyrie HUB Wiring

1. Plug the SATA power supply connector into the Valkyrie HUB POWER port.

2. Plug the 4PIN fan connectors and ARGB connectors into the Valkyrie HUB, respectively.*

3. Connect Valkyrie HUB control cables to MB_FAN and MB_ARGB ports respectively and plug the other ends into the CPU_FAN and AGRB headers on the motherboard.

*The FAN_01 (red) on the VK HUB7 must be plugged in with a 4PIN fan connector.


MB-FAN
FAN_01
ARGB
FAN_02
ARGB
FAN_03
ARGB
2
FAN_04
ARGB
VALKYRIE
VALKYRIE HUB7
MB-ARGB
FAN_07
ARGB
FAN_06
ARGB
FAN_05
ARGB
1
POWER
SATA
POWER SUPPLY
MOTHERBOARD
3
ARGB

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