INSTALLATION GUIDE
Valkyrie V-Lite AIO
Liquid Cooler

www.my-valkyrie.com

SAFETY WARNINGS

First aid measures in case of:

Skin exposure to coolant: Remove contaminated clothing and rinse thoroughly with plenty of running water or normal saline rinse. If symptoms develop and persist, seek professional medical attention.

Eye exposure to coolant: Immediately open upper and lower eyelids, flush out with running water or normal saline rinse. If irritation persists, seek professional medical attention.

Inhalation of coolant: Remove yourself from site to fresh air. If symptoms develop and persist, seek professional medical attention. Ingestion of coolant: Drink plenty of warm water and do not induce vomiting.

Skin exposure to thermal paste: Wash thoroughly with soap and water for a minimum of 15 minutes. Contaminated clothing should be removed immediately. If irritation persists, medical attention.

Eye exposure to thermal paste: Flush out thoroughly with running water for a minimum of 15 minutes. If irritation persists, seek professional medical attention.

Inhalation of thermal paste: If adverse effects occur, proceed to an uncontaminated area. If breathing has been arrested, provide artificial respiration immediately. Seek immediate medical attention.

Ingestion of thermal paste: Drink 2 large glasses of water. Do not induce vomiting. If a large amount has been ingested, or if discomfort persists, obtain professional medical attention.

SAFETY PRECAUTIONS

1. Keep and store the product away from the reach of children.

2. Check the list of components and condition of the product before installation. If there is any problem, contact the shop where you purchased the product to get a replacement or refund.

3. Ensure the computer is unplugged from electricity before the installation.

4. HW GAMING SOLUTION LTD is not responsible for any damages due to external causes, including but not limited to, improper use, problems with electrical power, accident, neglect, alteration, repair, improper installation, and improper testing.

5. Processor and motherboard are subject to damage if the product is incorrectly installed.

6. Excessive physical force exerted on the fan may cause damage to the fan and/or system.

7. This product is a CPU liquid cooling solution kit, composed of individual, original Valkyrie parts. Combining this liquid cooling unit with parts, other than Valkyrie products, may lead to warranty loss.

8. Product design and specifications may be revised to improve quality and performance.

9. You must not run the pump below 20% of it's maximum RPM. The pump must stay within a 20-100% PWM duty cycle at all times. We recommend running the pump at 100% speed at all times for optimal performance.

Please follow the instructions in this manual for correct installation. Improper installation may result in damage to your equipment.

Valkyrie assumes no liability whatsoever, expressed or implied, for the use of these products, nor their installation. You are responsible for implementing safety measures to guard against the possibility of bodily injury, injury or damage caused by fire, and/or danger to the public in the event of a failure or malfunction of products, such as safety design for hardware and software, including but not limited to redundancy, fire control and malfunction prevention, appropriate treatment for aging degradation or any other appropriate measures.
The following instructions are subject to change without notice. Please visit our website at www.my-valkyrie.com for updates.

Online Installation Guides

EN Scan the QR code for installation Manual

DE Scannen Sie den QR-Code für die Installationsanleitung

FR Scannez le code QR pour le manuel d'installation

IT Scansiona il codice QR per il manuale di installazione

ES Escanee el código QR para el manual de instalación

PT Escaneie o código QR para obter o manual de instalação

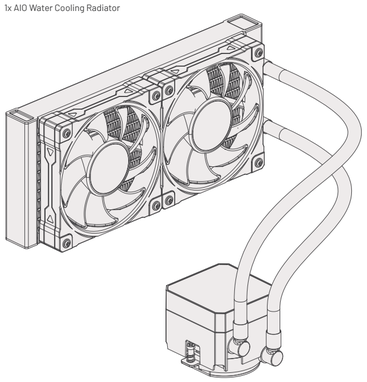
PL Zeskanuj kod QR, aby otrzymać instrukcję montażu

NL Scan de QR-code voor de installatiehandleiding

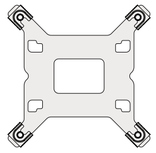
RUS Отсканируйте QR-код для получения руководства по установке

AIO Water Cooling Parts

1x AIO Water Cooling Radiator



1x Intel Backplate



4x Intel / AMD Bolts



4x Nuts



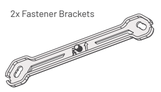
4x LGA2011 Bolts



4x AMD Mounting Screws



2x Fastener Brackets



Radiator Screw



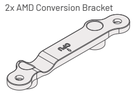
120 x 4 / 140 x 4 / 240 x 8
280 x 8 / 360 x 12 / 420 x 12
480 x 16

Fan Screw (extended)



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

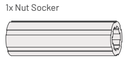
2x AMD Conversion Bracket



3x Tube Clamos



1x Nut Socker



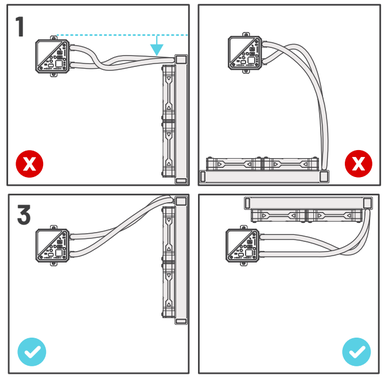
1x Thermally Conductive Silicone Grease



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

*Please keep in mind that the Intel bracket is already mounted on the pump unit and fans are already mounted on the radiator and thermal paste is already applied on the coldplate.

01 Radiator Installation



IMPORTANT: The pump unit must never be the highest point of your liquid-cooling setup. At least one part of the radiator must be positioned above the pump unit at all times as indicated in picture 3. Do not place the radiator at the bottom of the case.

Step 1: Installing the radiator

Use the radiator screws to secure the radiator to the case in a desired position.



Step 2: Continiue

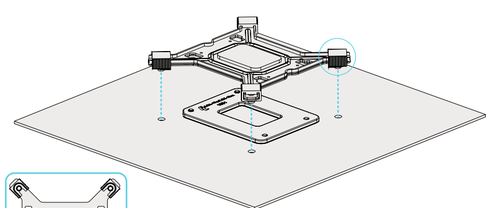
Go to section 2 if you use Intel LGA1200/1700
Go to section 3 if you use Intel LGA2011/2066
Go to section 4 if you use AMD AM3/AM4

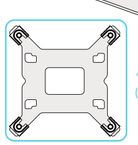
02 Intel LGA1200/1700 Installation

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.



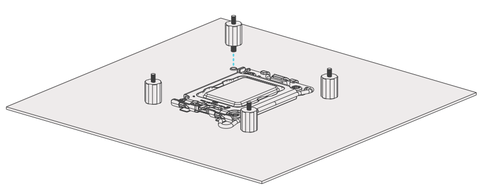


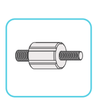
* Use the inner mounting hole position for 1200 (115X) and outer mouting hole position for 1700.

Step 2: Install the mounting screws

Install Intel/AMD bolts to the motherboard.

*The thicker end of the mounting screw faces down.



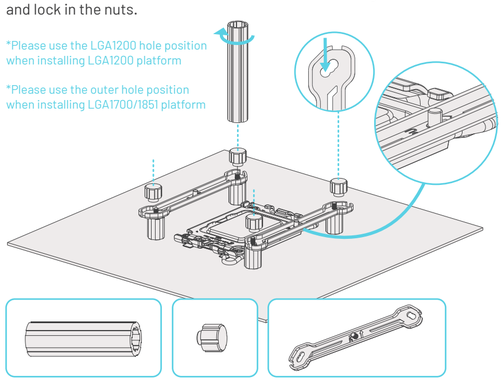


Step 3: Install fastener brackets

Put the brackets onto the screws. Use a nut socket to tighten and lock in the nuts.

*Please use the LGA1200 hole position when installing LGA1200 platform

*Please use the outer hole position when installing LGA1700/1851 platform



HW Gaming Solution Ltd
28 Oktovriou 261, View point Tower,
3035 Limassol, Cyprus
info@my-valkyrie.com
www.my-valkyrie.com

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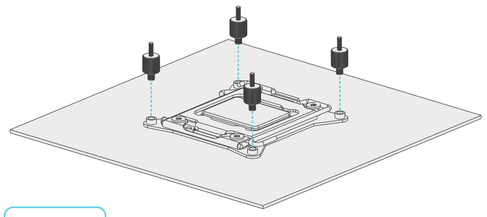
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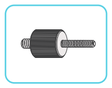
03 Intel LGA2011/2066 Installation

Step 1: Install screws

Install Intel LGA2011 bolts to the motherboard for fixation.

*Make sure that the larger end of the screw faces down





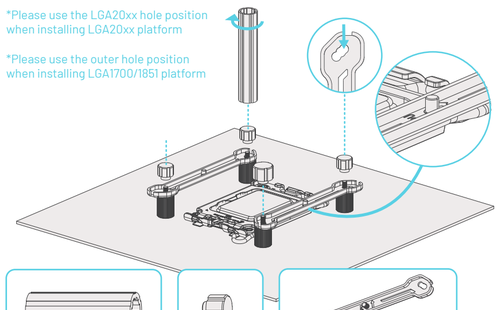
* Be sure to use the hole position for 1200 when installing LGA1200 platform

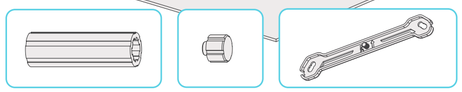
Step 2: Install fastener brackets

Put the brackets onto the screws. Use a nut socket to tighten and lock in the nuts.

*Please use the LGA20xx hole position when installing LGA20xx platform

*Please use the outer hole position when installing LGA1700/1851 platform

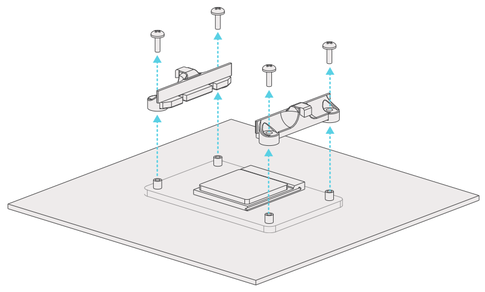




04 AMD AM4/AM5 Installation

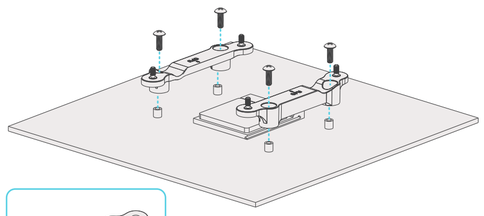
Step 1: Take off the original fasteners on the motherboard

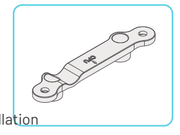
1. Remove the 4 screws and take off the original fasteners on the motherboard.
2. Retain the backplate and fastener screws.



Step 2: Install conversion bracket

Install the conversion bracket on the corresponding backplate holes and tighten the fastener screws.

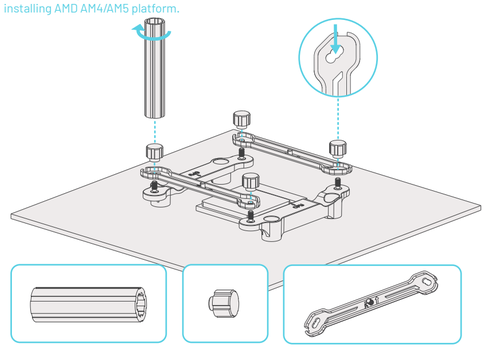




Step 3: Install fastener brackets

Put the brackets onto the screws. Use a nut socket to tighten and lock in the nuts.

*Use the hole position in the middle when installing AMD AM4/AM5 platform.



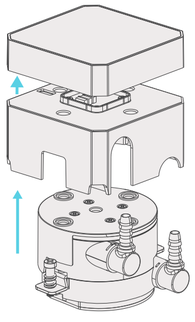
05 Pump Unit Installation

05 Pump Unit Installation

Step 1: Remove the magnetic cover

Remove both the top and bottom sections of the magnetic cover.

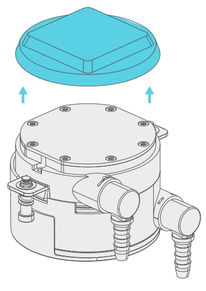
*Shown as 360, actual product appearance may vary.



Step 2: Remove the protective blister

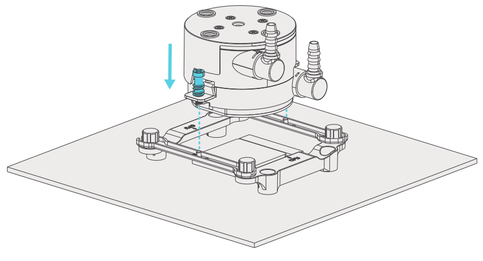
Remove the protective blister from the coldplate.

*it is critical to the cooling performance.



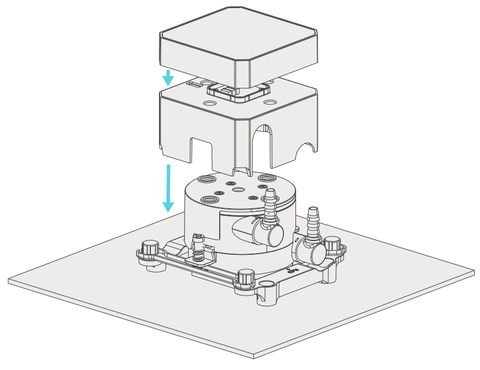
Step 3: Install the water cooling pump head

Align to the mounting holes and tighten the spring screws on both ends.



Step 4: Install the magnetic cover

*The cover logo supports four orientations.



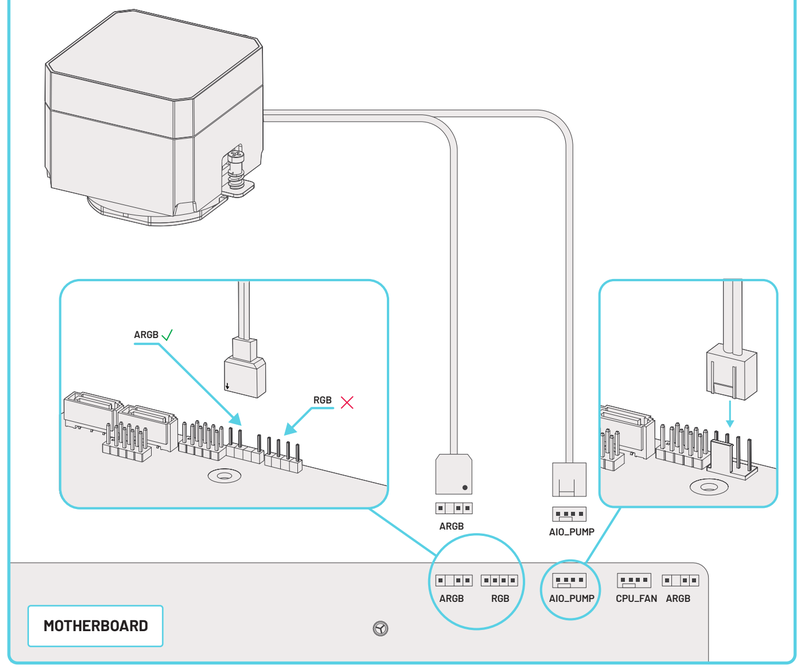
06 Pump Wiring

Connecting the pump unit to the motherboard

1. Connect the pump unit's 4-pin PWM connector to the AIO_PUMP header on the motherboard.
NOTE: If your motherboard doesn't have an AIO_PUMP header, you can connect it to any CHA_FAN or SYS_FAN header on the motherboard.

2. Plug the pump unit's A-RGB connector into the 3-pin A-RGB header on the motherboard.

3. Set the pump speed to full speed in BIOS/UEFI for optimal performance. Press F6 in BIOS/UEFI and select the header you connected the pump unit to, then set it to full speed.



07 Radiator and Fans Wiring

Connecting the fans to the motherboard

1. Connect the fan 4-pin PWM connector to the CPU_FAN header on the motherboard.
2. Connect the 3-pin A-RGB cable to the ARGB connector on the motherboard.

