

THERMALRIGHT FROZEN WARFRAME ULTRA 360 ARGB CPU Cooler User Guide



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USER MANUAL

FROZEN WARFRAME ULTRA

Customizable LCD Screen

High Performance Fan and Pump

Addressable RGB Lighting

REV:1.0



www.thermalright.com

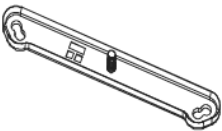
Components

(A)



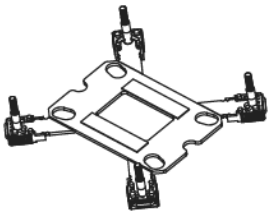
240X2
280X2
Fan 360X3
420X3

(B)



INTEL Bracket X2

(C)



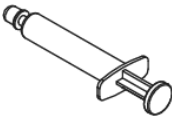
INTEL 115X/1700 Backplate X1

(D)



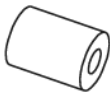
AMD Bracket X2

(E)



Thermal Compound X1

(F)



115X Plastic Stands X4

(G)



1700 Plastic Stands X4

(H)

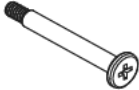


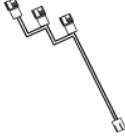




LGA20XX Screw X4

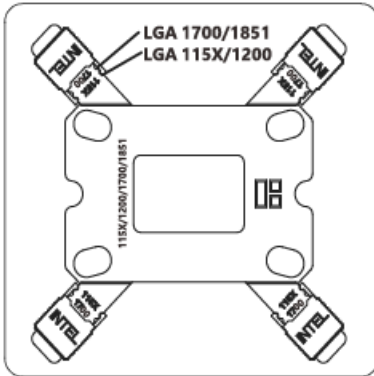
(I)



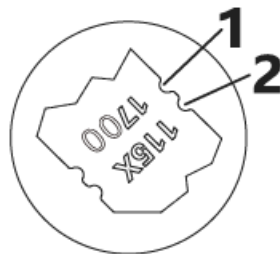
INTEL nuts X4

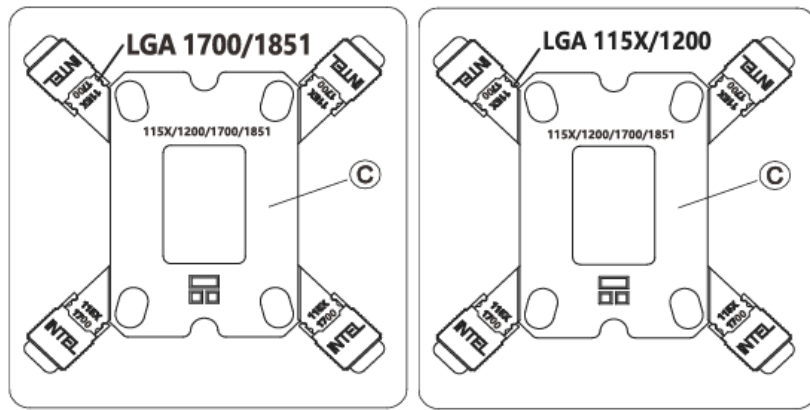
<p>(J)</p>  <p>Fan screw</p> <p>240/280X8 360/420X12</p>	<p>(K)</p>  <p>Radiator screw</p> <p>240/280X8 360/420X12</p>
<p>(L)</p>  <p>USB Cable X1</p>	<p>(M)</p>  <p>Fan ARGB Splitter Cable</p> <p>240X1 280X1 360X1</p>
<p>(N)</p>  <p>AM4 Screw X4</p>	<p>(O)</p>  <p>AM4 Plastic Stands X4</p>

INTEL LGA 115X/1700 Adjust Intel backplate



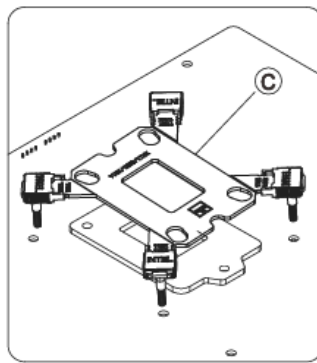
Position 1 for LGA 1700 /1851
Position 2 for LGA115X/1200



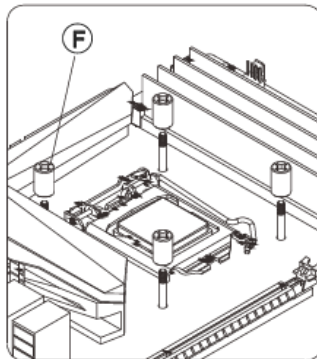


Adjust backplate screws position to your motherboard

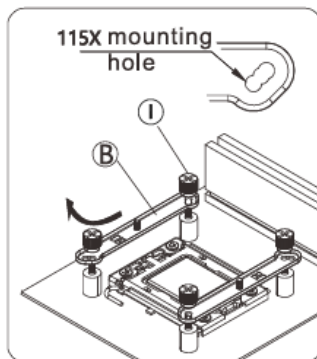
INTEL LGA 115X/1200 Installation



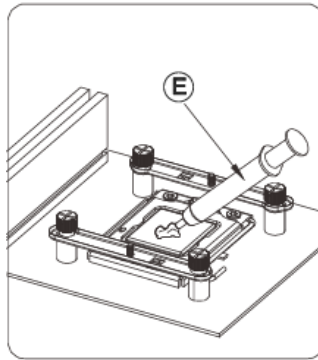
Install Intel backplate backplate from back side of motherboard



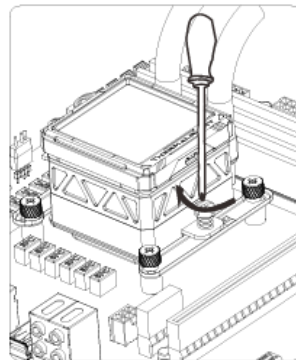
Install four 115X standoffs through backplate screws from front side of motherboard



Install two Intel brackets on standoffs, secure brackets with four nuts.

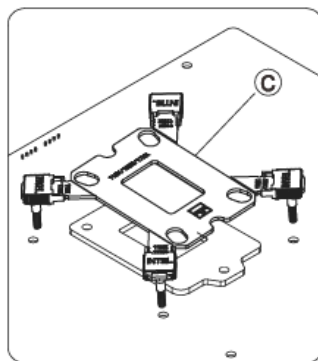


Apply thermal compound on CPU IHS.

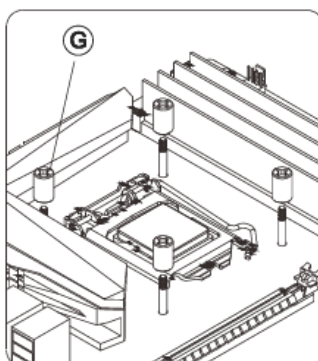


Secure waterblock on CPU with two nuts on waterblock bracket

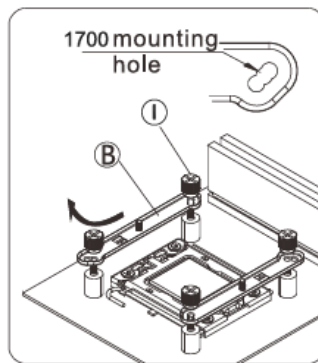
INTEL LGA 1700/1851 Installation



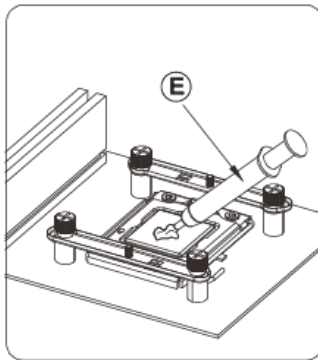
Install adjusted intel backplate from back side of motherboard



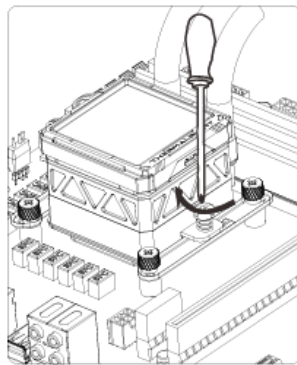
Install four 1700 standoffs through backplate screws from front side of motherboard



Install two Intel brackets on standoffs, secure brackets with four nuts.

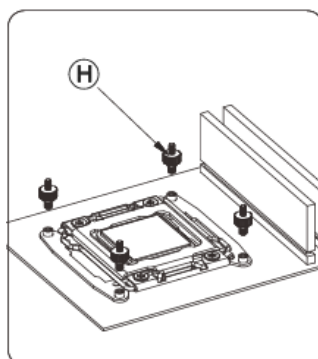


Apply thermal compound on CPU IHS.

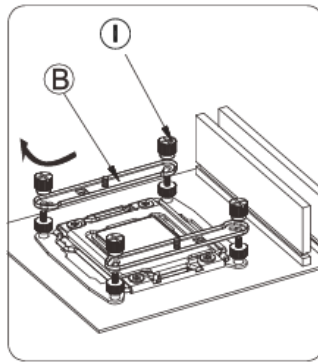


Secure waterblock on CPU with two nuts on waterblock bracket

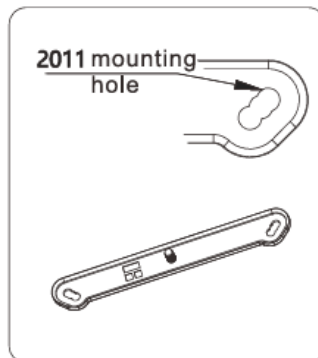
INTEL LGA20XX Installation



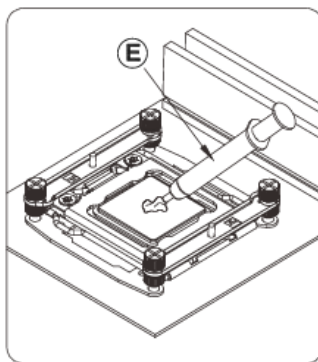
Install four Intel LGA20XX screws on motherboard ILM



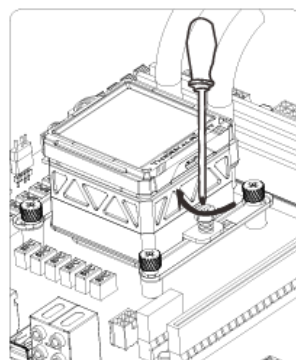
Install two Intel brackets on LGA20XX screws, secure them with nuts.



LGA20XX mounting hole on Intel brackets.

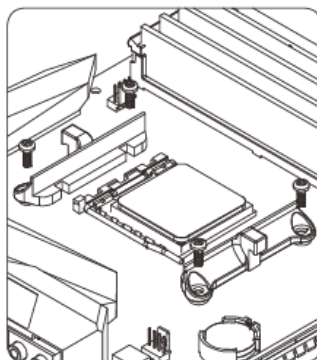


Apply thermal compound on CPU IHS.

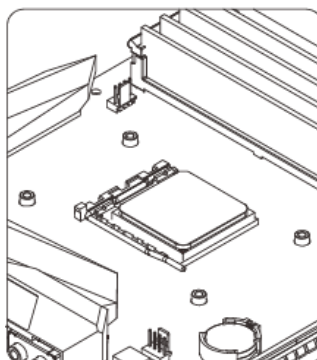


Secure waterblock on CPU with two nuts on waterblock bracket

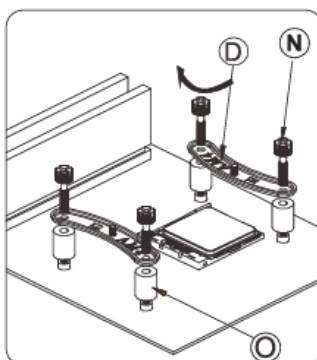
AMD AM4/AM5 Installation



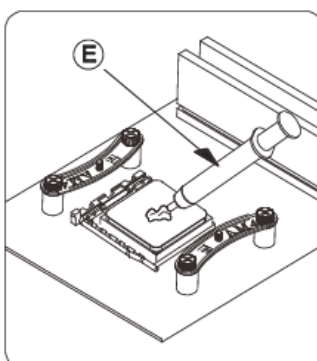
Remove factory CPU brackets and screws, KEEP the backplate



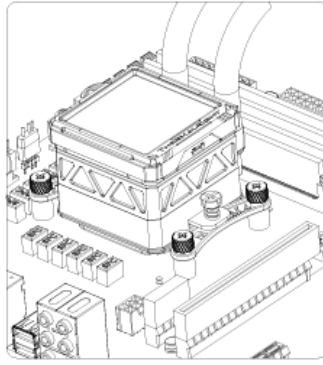
Install four AM4/AM5 standoffs on backplate



Secure two AM4/AM5 brackets with four AM4/AM5 screws.

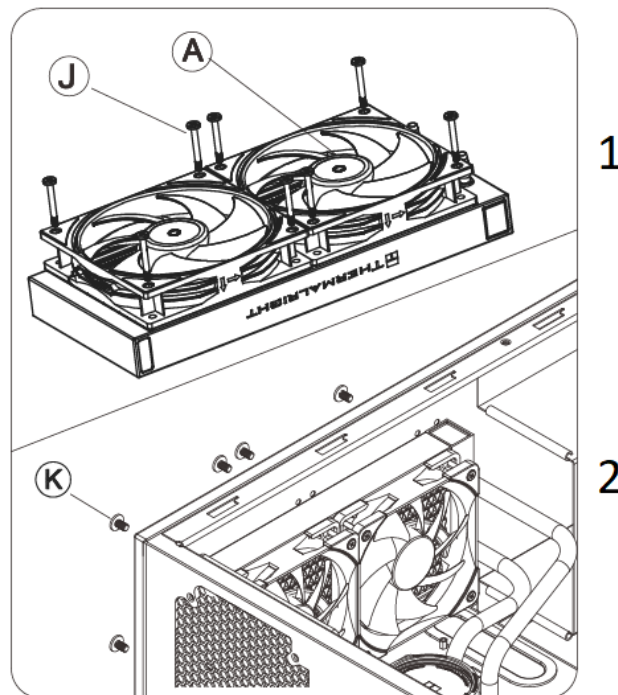


Apply thermal compound on CPU IHS.



Secure waterblock on CPU with two nuts on waterblock bracket

Fan & Radiator Mounting

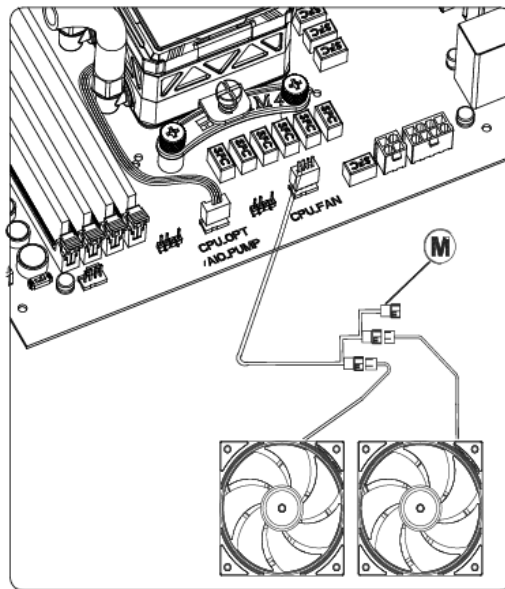


1. Use long fan mounting screws to install fans on the radiator.
2. Use short radiator mounting screws to install radiator to the case.

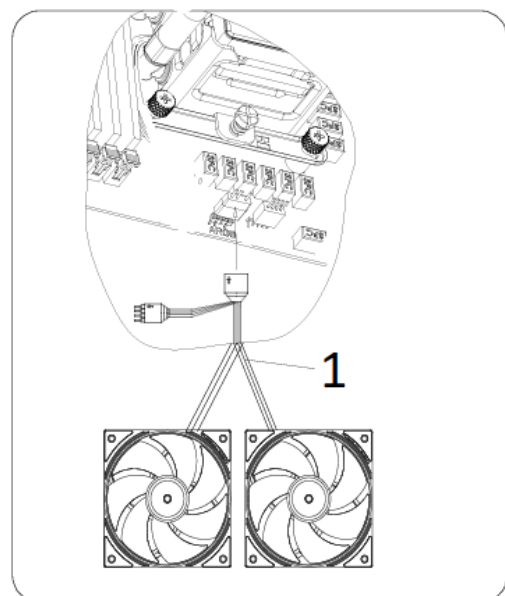
Waterblock/Fan Guide

■ Connect the waterblock pump power cable to CPU_OPT or AIO PUMP socket

Connect fan power cable to CPU_FAN socket on motherboard.



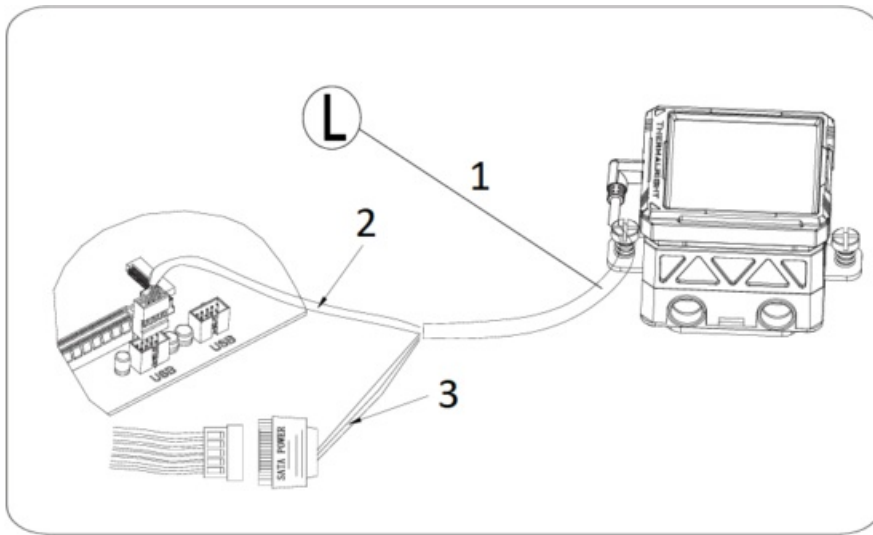
Connect waterblock, FAN ARGB cable to ARGB socket on motherboard.



1. 5V3 PIN ARGB cable for FAN

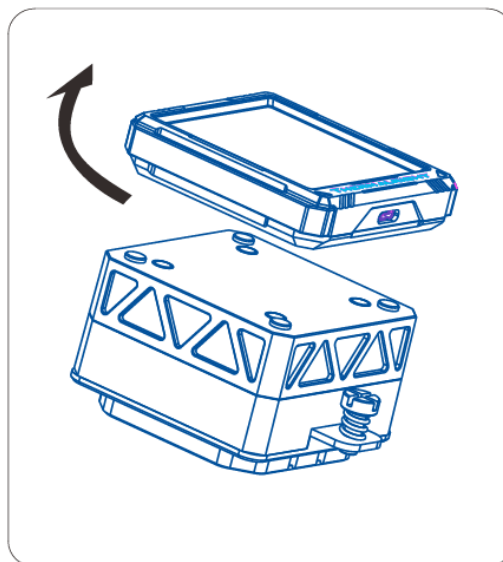
LCD screen wiring

Connect screen power cable to SATA socket on power supply; Connect 9 pin USB cable to 9 pin USB socket on motherboard.



1. SATA CABLE
2. LCD screen data cable
3. SATA power cord

Rotate waterblock panel.



Magnetic Waterblock Panel can be adjusted to four directions.

FROZEN WARFRAME ULTRA DISPLAY USER GUIDE

1. **Check 9 pin USB cable connect to the usb socket on motherboard and connect SATA cable to the power supply before software install.**
2. Download software at:
<https://www.thermalright.com/support/download/>
 Unzip setup file and start install by double click setup.
3. After install completed, double click shortcut icon on desktop to run software.
4. All functions on LCD are controlled by software, and software will auto start at OS boot. Please do not exit the program.
5. For unknown error, restart the display by re-plug USB cable on waterblock.



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Documents / Resources

[THERMALRIGHT FROZEN WARFRAME ULTRA 360 ARGB CPU Cooler](#) [pdf] User Guide
FW1.3, FROZEN WARFRAME ULTRA 360 ARGB CPU Cooler, FROZEN WARFRAME ULTRA,
360 ARGB CPU Cooler, ARGB CPU Cooler, CPU Cooler, Cooler

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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