THERMALRIGHT®
low Temperature high Performance
www.thermalright.com

THERMALRIGHT®
low Temperature high Performance
www.thermalright.com

**FROZEN WARFRAME DISPLAY USER GUIDE**

1.Check 9 pin USB cable connection between waterblock and motherboard before installing.

2.Download software at: http://thermalright.com/support/download/install software by double-click SETUP.EXE

3.Double click"TRCC"icon on desktop to run software

4.All functions on waterblock display is control by software, please do not exit the program.

5.For unkown error, restart the display by re-plug USB cable on waterblock.

Software Download

**FROZEN WARFRAME 系列水冷液晶屏控制软件说明**

1.液晶屏的供电和数据通信传输均由主板9针USB接口提供。
软件安装前请确认接线完整

2.软件可在官网下载:
http://thermalright.com/support/download/
软件双击STEUP.EXE安装

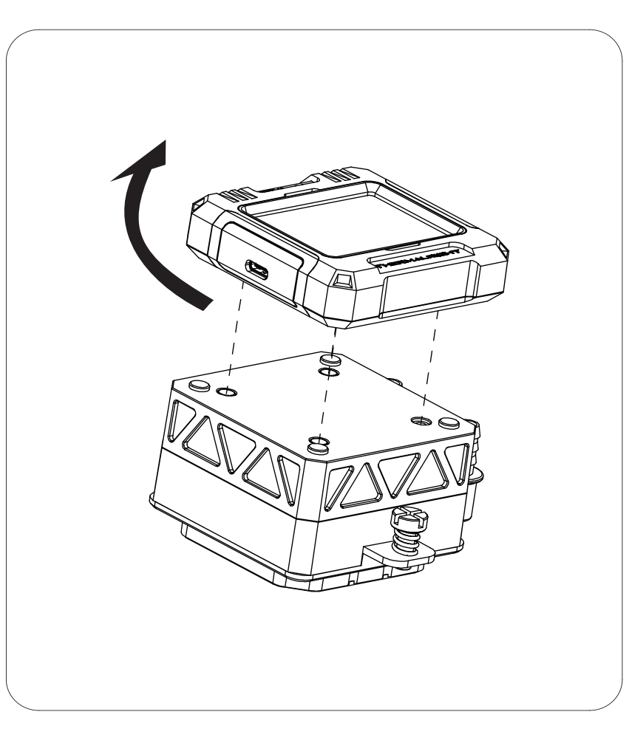
3.桌面双击“TRCC”的图标即可运行软件

4.本液晶屏的实时数据监控/数据传输/开启关闭等等功能均由软件控制。安装完成默认随电脑开机启动，并在任务栏常驻后台，请勿关闭/强制退出。

5.如遇到未知不可控情况，可拔插冷头上Type-C接口进行硬件重启

软件扫码下载

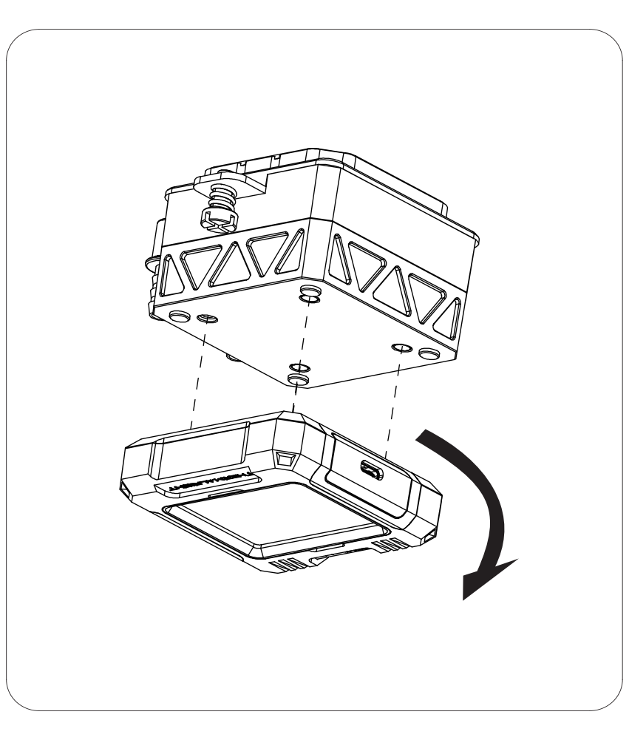
## Rotate waterblock panel.



Magnetic Waterblock Panel can be adjusted to four directions.

www.thermalright.com

## 冷头上盖操作说明

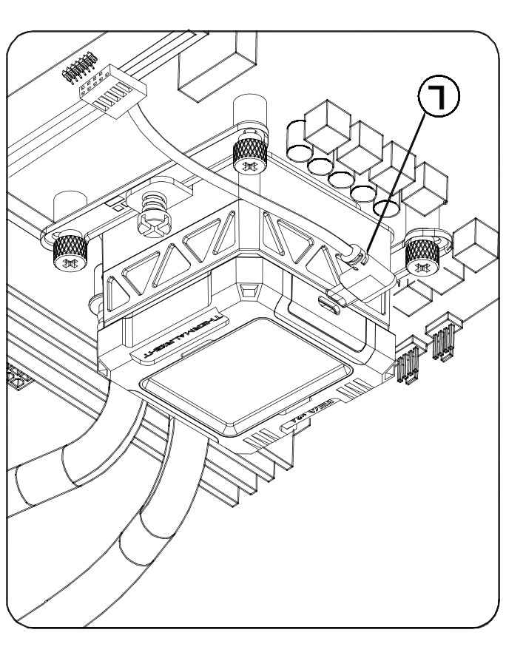


冷头屏幕磁吸设计，可360° 切换

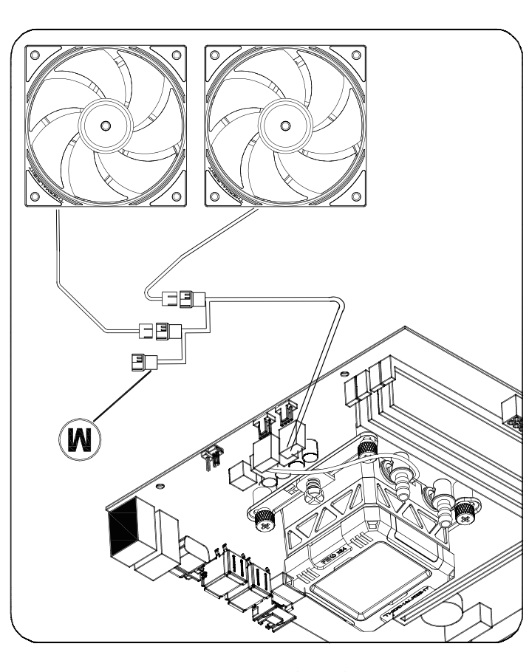
www.thermalright.com

## 冷头/风扇使用说明

■ 在主板上安装供电线和RGB线



将USB线Type-C接口接到冷头Type-C接口，再将USB接口接到 主板USB接口。

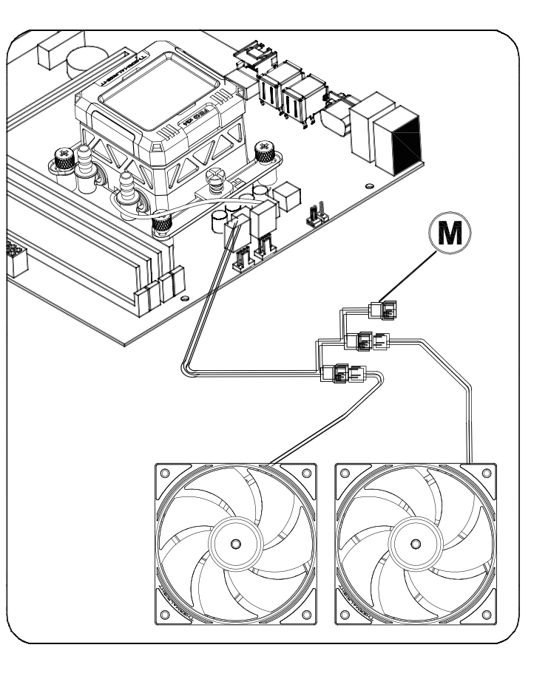


将冷头供电线接在主板 CPU OPT接口，风扇供电线接在主板 CPU_FAN接口。

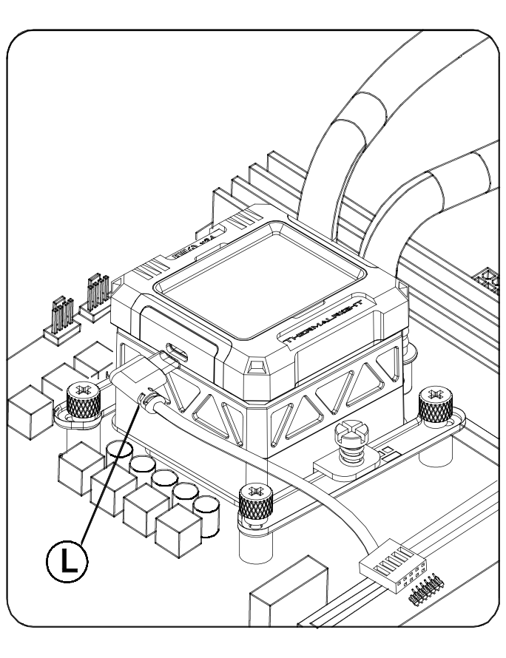
www.thermalright.com

## Waterblock/Fan Guide

■ Connect the waterblock pump power cable to CPU_OPT socket



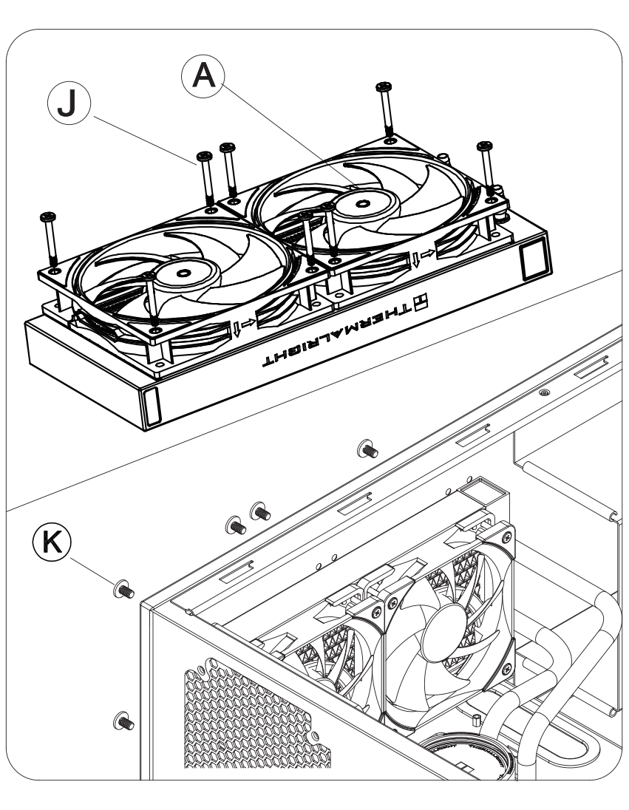
Connect fan power cable to CPU_FAN socket on motherboard.



Connect waterblock to motherboard USB socket with USB cable.

www.thermalright.com

## Fan&Radiator Mounting

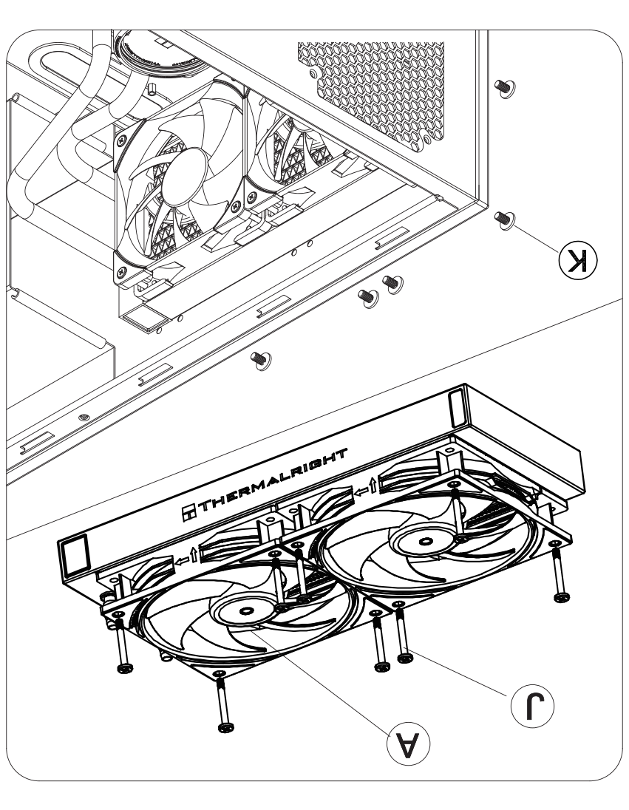


Use long fan mounting screws to install fans on the radiator.

Use short radiator mounting screws to install radiator to the case.

www.thermalright.com

## 风扇与冷排安装

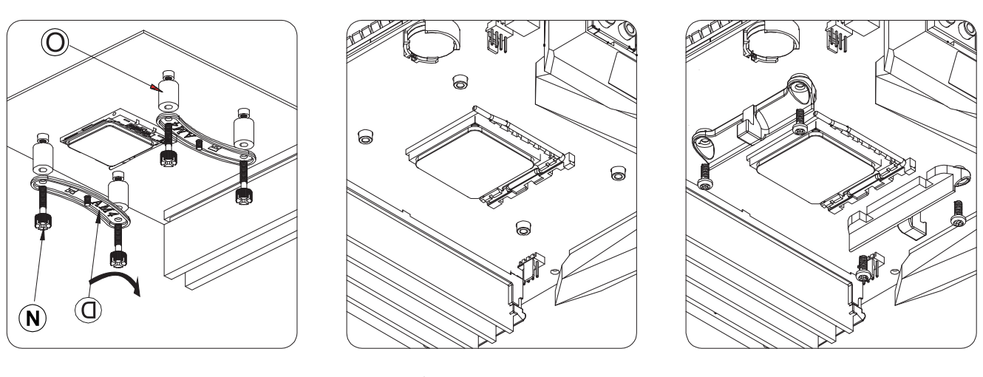


使用水排螺丝，将水排固定在机箱上。

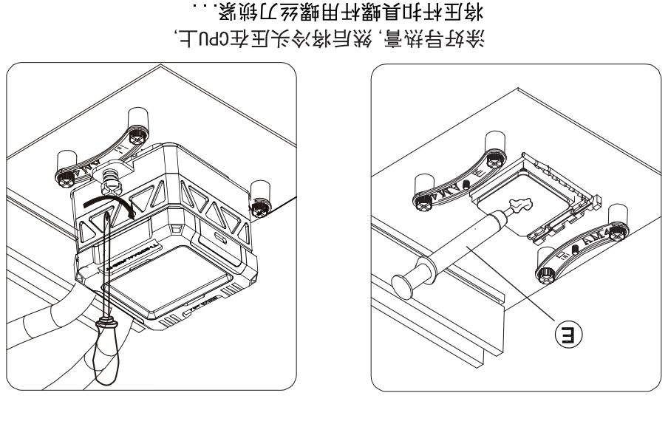
使用风扇螺丝，将风扇固定在水排上。

www.thermalright.com

## AMD AM4/AM5 安装



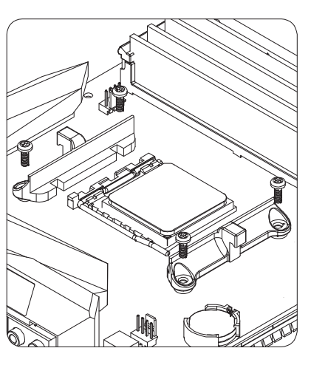
移除AMD原装扣具支架，保留背板，使用AM4螺丝将AMD支架固定到背板



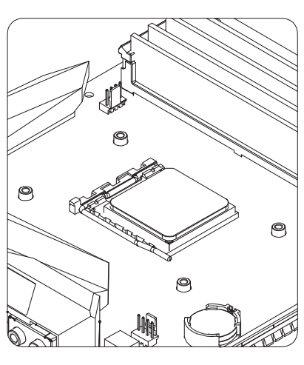
涂好导热膏，然后将冷头压在CPU上，
将压杆扣具螺杆用螺丝刀锁紧. . .

www.thermalright.com

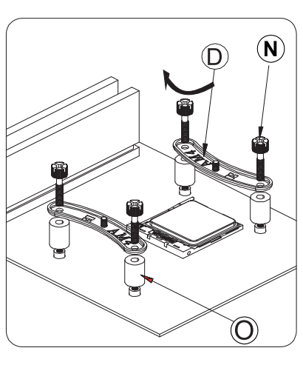
## AMD AM4 / AM5 Installation



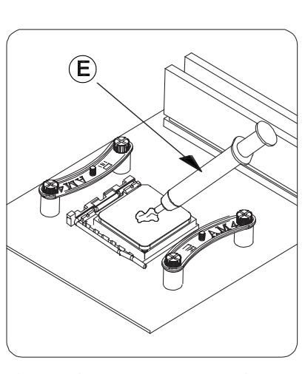
Remove factory CPU brackets and screws, KEEP the backplate



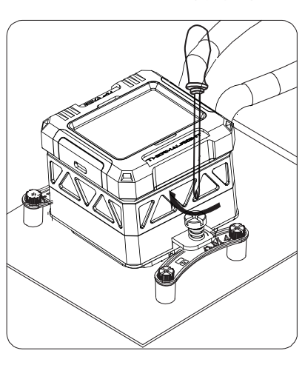
Install four AM4/AM5 standoffs on backplate



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



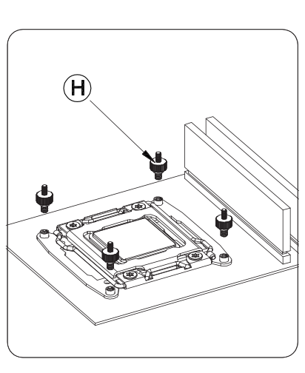
Apply thermal compound on CPU IHS.



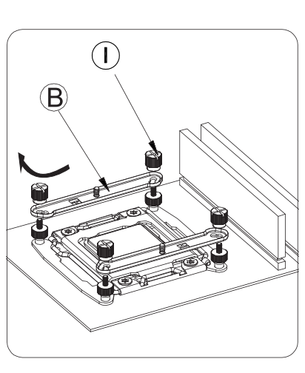
Secure waterblock on CPU with two nuts on waterblock bracket

www.thermalright.com

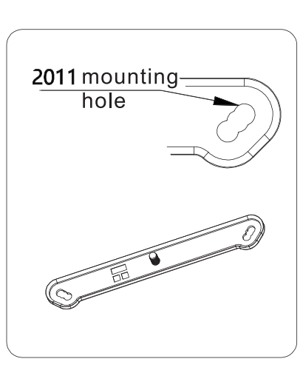
## INTEL LGA20XX Installation



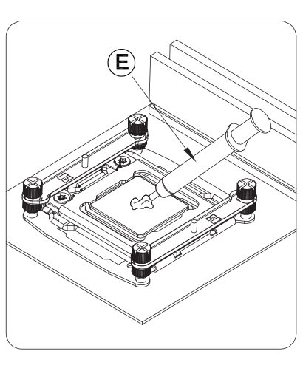
Install four Intel LGA20XX screws on motherboard ILM



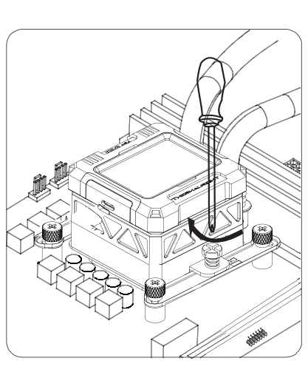
Install two Intel brackets on LGA20XX screws, secure them with nuts.


2011 mounting hole

LGA20XX mounting hole on Intel brackets.



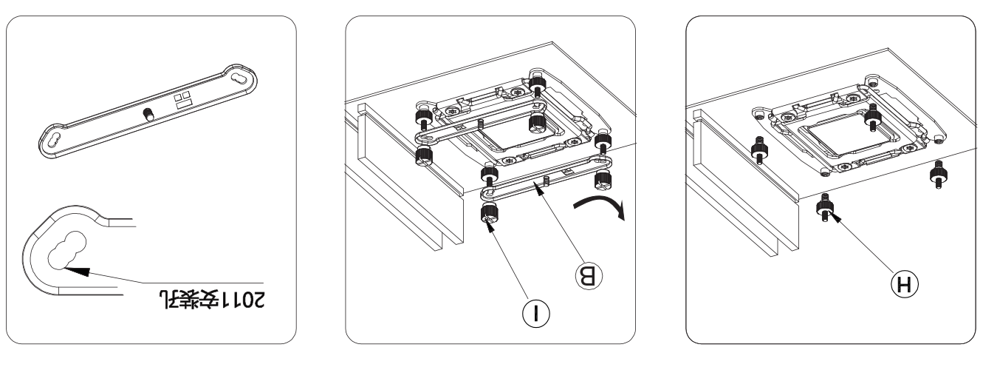
Apply thermal compound on CPU IHS.



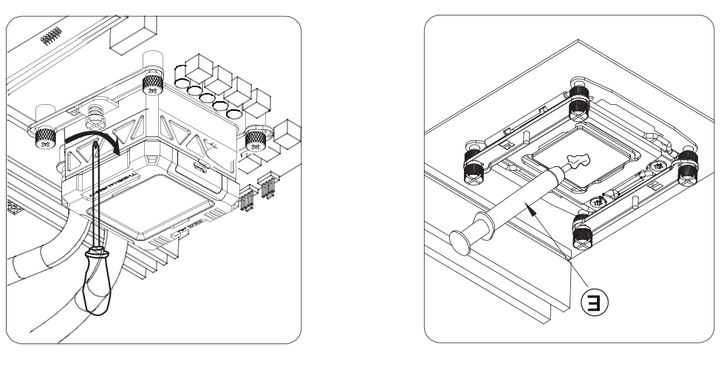
Secure waterblock on CPU with two nuts on waterblock bracket

www.thermalright.com

## INTEL LGA20XX 安装


2011安装孔
I
B
H

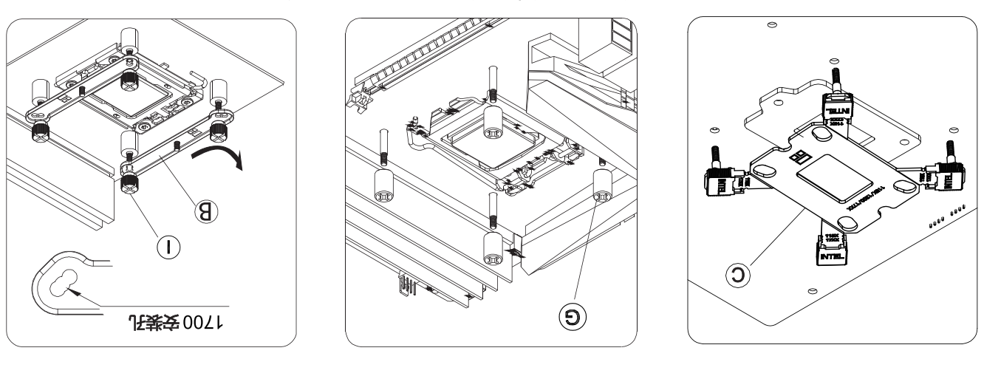
将LGA20XX螺柱锁到主板，然后放置支架，再用螺母固定INTEL支架。



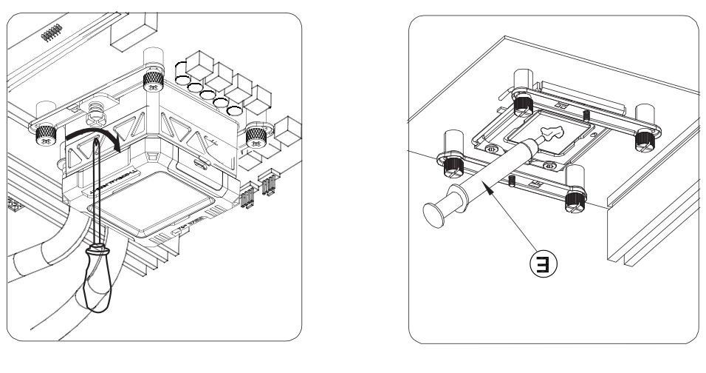
涂好导热膏，然后将冷头压在CPU上，
将压杆扣具螺杆用螺丝刀锁紧. . .

www.thermalright.com

## INTEL LGA1700 安装


1700安装孔
I
B
G
C

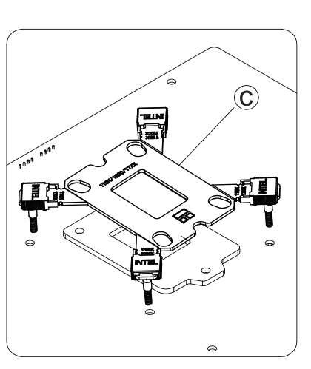
撕掉背板贴纸，将背板的4个螺柱穿过LGA1700孔位，固定在主板背面
然后正面放置1700塑胶柱和INTEL支架，再用螺母固定INTEL支架。



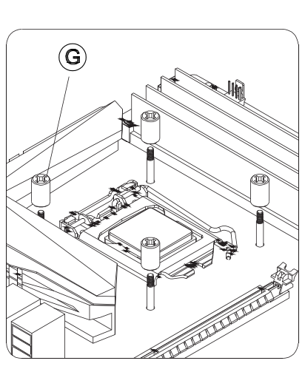
涂好导热膏，然后将冷头压在CPU上，
将压杆扣具螺杆用螺丝刀锁紧。

www.thermalright.com

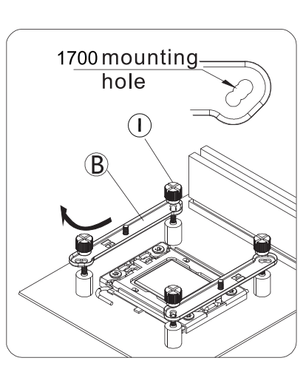
## INTEL LGA1700Installation



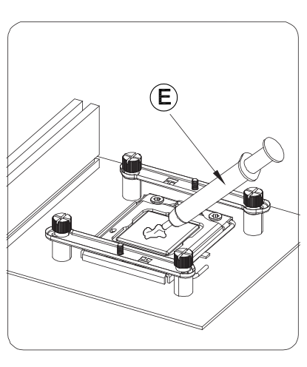
Install adjusted intel backplate from back side of motherboard



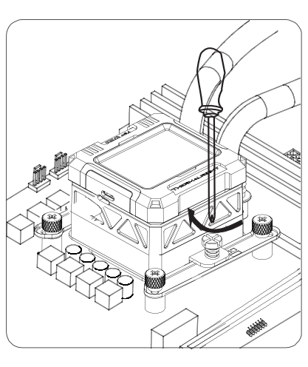
Install four 1700 standoffs through backplate screws from front side of motherboard


1700 mounting hole
I
B

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



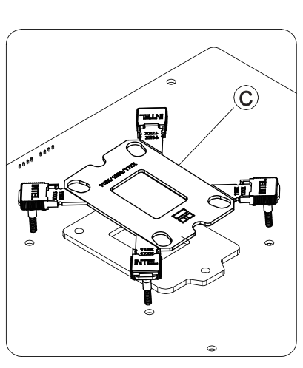
Apply thermal compound on CPU IHS.



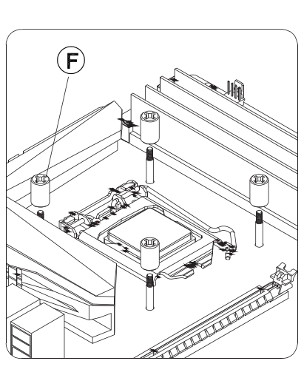
Secure waterblock on CPU with two nuts on waterblock bracket

www.thermalright.com

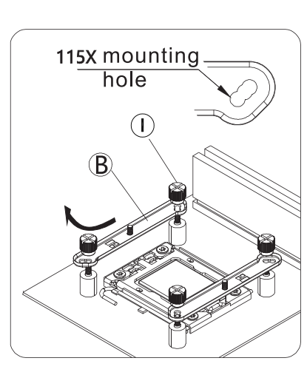
## INTEL LGA115X/1200 Installation



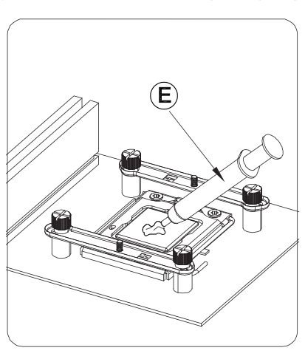
Install intel backplate backplate from back side of motherboard



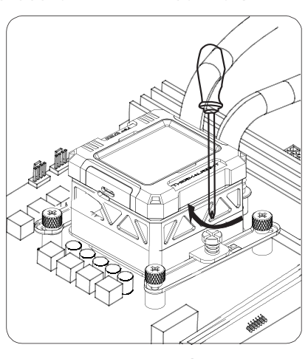
Install four 115X standoffs through backplate screws from front side of motherboard


115X mounting hole
I
B

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



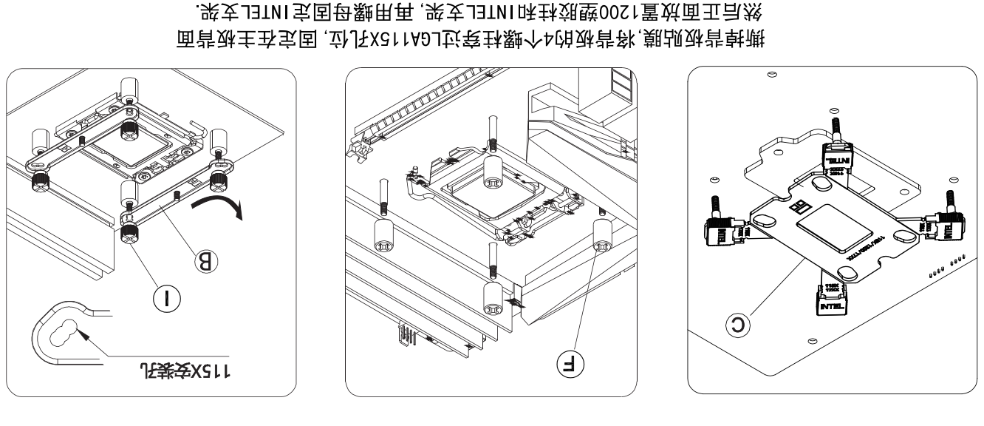
Apply thermal compound on CPU IHS.



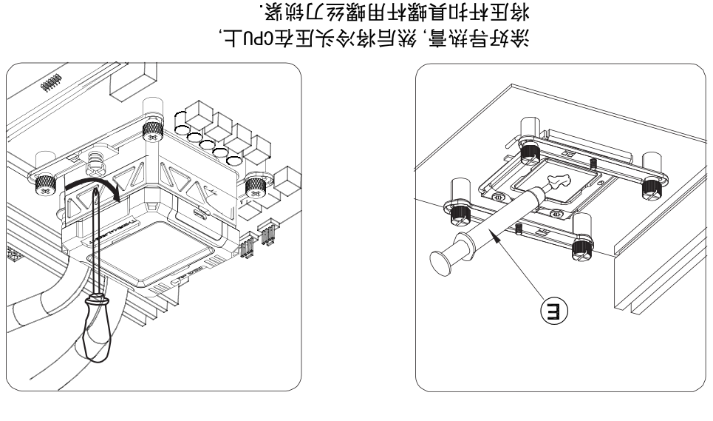
Secure waterblock on CPU with two nuts on waterblock bracket

www.thermalright.com

## INTEL LGA115X/1200安装


115X安装孔
I
B
F
C

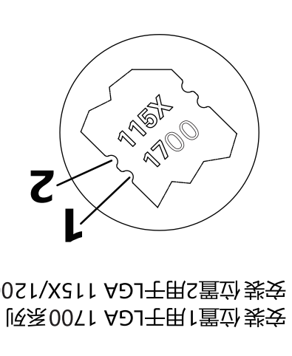
撕掉背板贴纸，将背板的4个螺柱穿过LGA115X孔位，固定在主板背面
然后正面放置1200塑胶柱和INTEL支架，再用螺母固定INTEL支架。



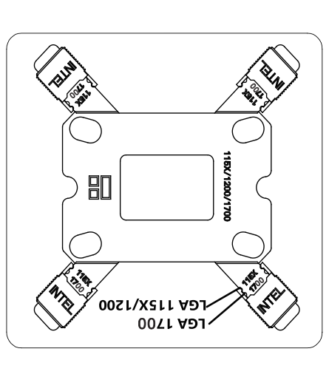
涂好导热膏，然后将冷头压在CPU上，
将压杆扣具螺杆用螺丝刀锁紧。

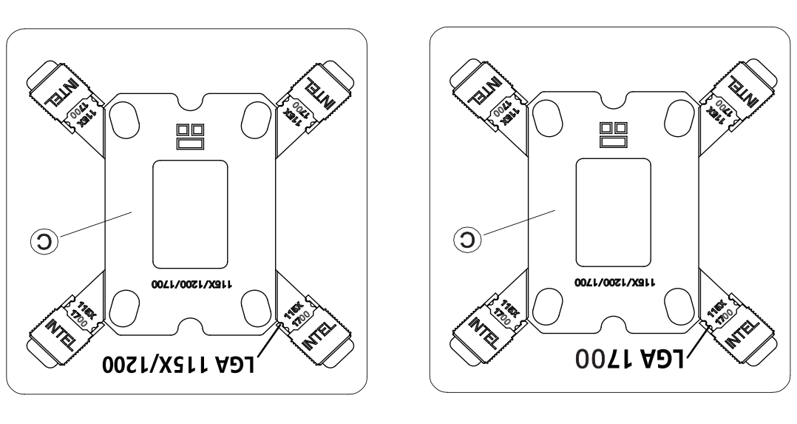
www.thermalright.com

## INTEL LGA 115X/1700 安装背板


1
2
115X
1700

安装位置1用于LGA 1700系列
安装位置2用于LGA 115X/1200系列

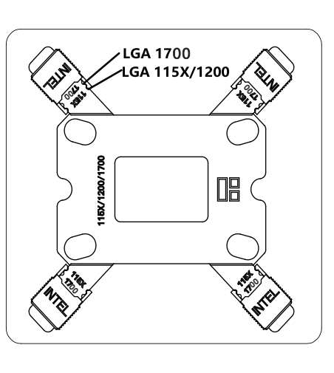

LGA 1700
LGA 115X/1200
INTEL


LGA 115X/1200
LGA 1700
C
INTEL

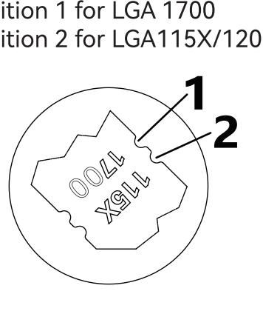
将螺柱调整到对应主板所需的位置

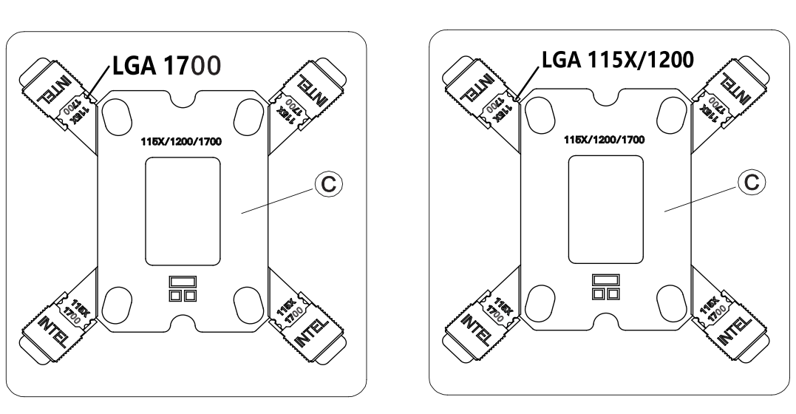
www.thermalright.com

## INTEL LGA 115X/1700 Adjust intel backplate


LGA 1700
LGA 115X/1200
115X/1200/1700
INTEL

Position 1 for LGA 1700
Position 2 for LGA115X/1200

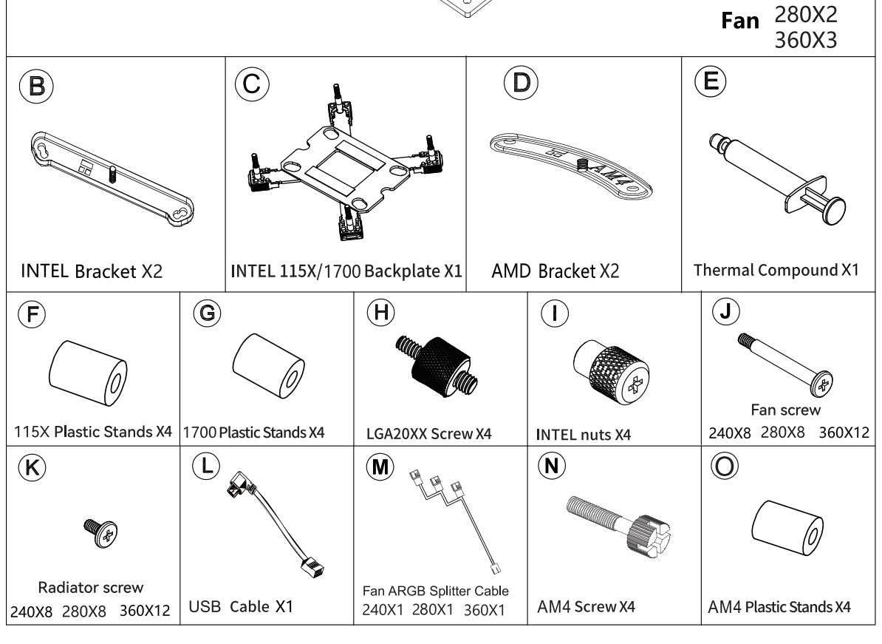

1
2
1700
115X


LGA 1700
LGA 115X/1200
115X/1200/1700
C
INTEL

Adjust backplate screws position to your motherboard

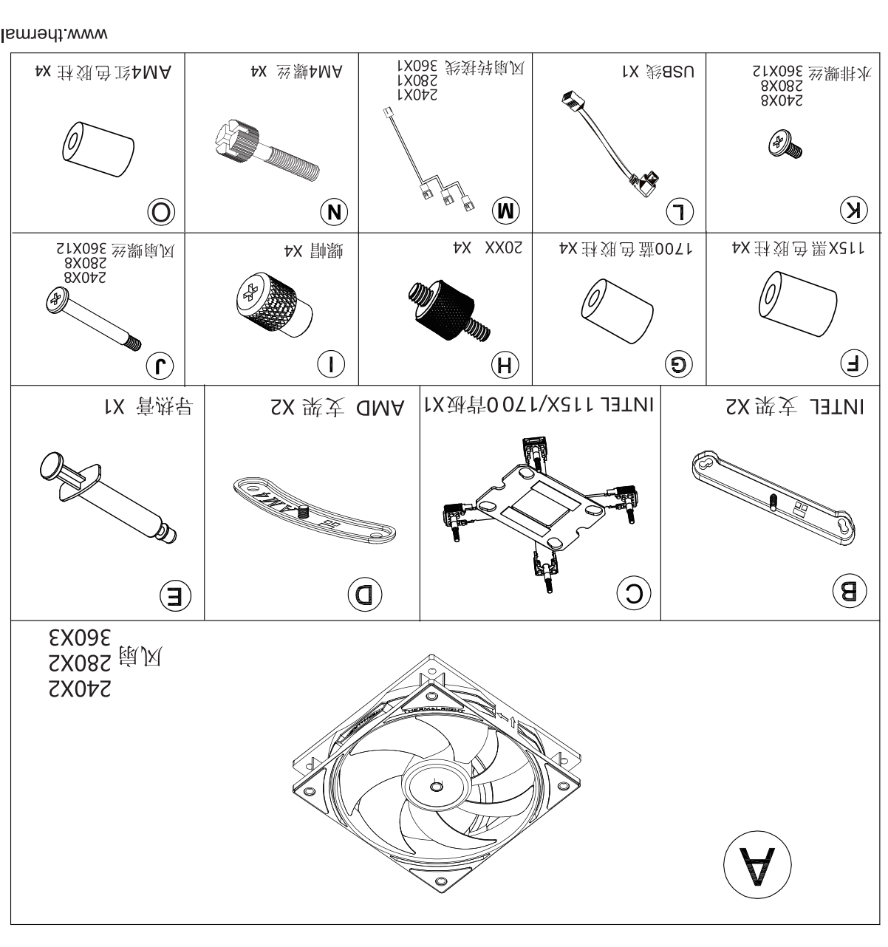
www.thermalright.com

## Components


A
Fan 240X2 280X2 360X3
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
J
Fan screw 240X8 280X8 360X12
K
Radiator screw 240X8 280X8 360X12
L
USB Cable X1
M
Fan ARGB Splitter Cable 240X1 280X1 360X1
N
AM4 Screw X4
O
AM4 Plastic Stands X4

www.thermalright.com

## 附件清单


A
风扇 240X2 280X2 360X3
B
INTEL 支架 X2
C
INTEL 115X/1700背板X1
D
AMD 支架 X2
E
导热膏 X1
F
115X黑色胶柱 X4
G
1700蓝色胶柱 X4
H
20XX 螺柱 X4
I
螺帽 X4
J
风扇螺丝 240X8 280X8 360X12
K
水排螺丝 240X8 280X8 360X12
L
USB线 X1
M
风扇转接线 240X1 280X1 360X1
N
AM4螺丝 X4
O
AM4红色胶柱 X4

www.thermalright.com

# 用户手册

THERMALRIGHT®
low Temperature high Performance

# FROZEN WARFRAME

水冷专用的高性能PWM风扇
配备高稳定 高性能水泵
新型大面积冷排

REV:1.0

www.thermalright.com

THERMALRIGHT®
low Temperature high Performance

# USER MANUAL

# FROZEN WARFRAME

**Customizable LCD Screen**
High Performance Fan and Pump
**Addressable RGB Lighting**

REV:1.0

www.thermalright.com