USER MANUAL

THERMALRIGHT®
low Temperature high Performance

FROZEN HORIZON DIGITAL

CAUTION!!! All liquid coolers has probability of leaking, please follow closely to instructions to install. ALWAYS check liquid cooler before installation. If there is any defect or deformation to the cooler,please contactcustomer service immediately.

High Performance PWM Fan
High Liquid Flow Rate Pump
High Density Aluminum Fins

REV:1.1

www.thermalright.com

用户手册

THERMALRIGHT®
low Temperature high Performance

FROZEN HORIZON DIGITAL

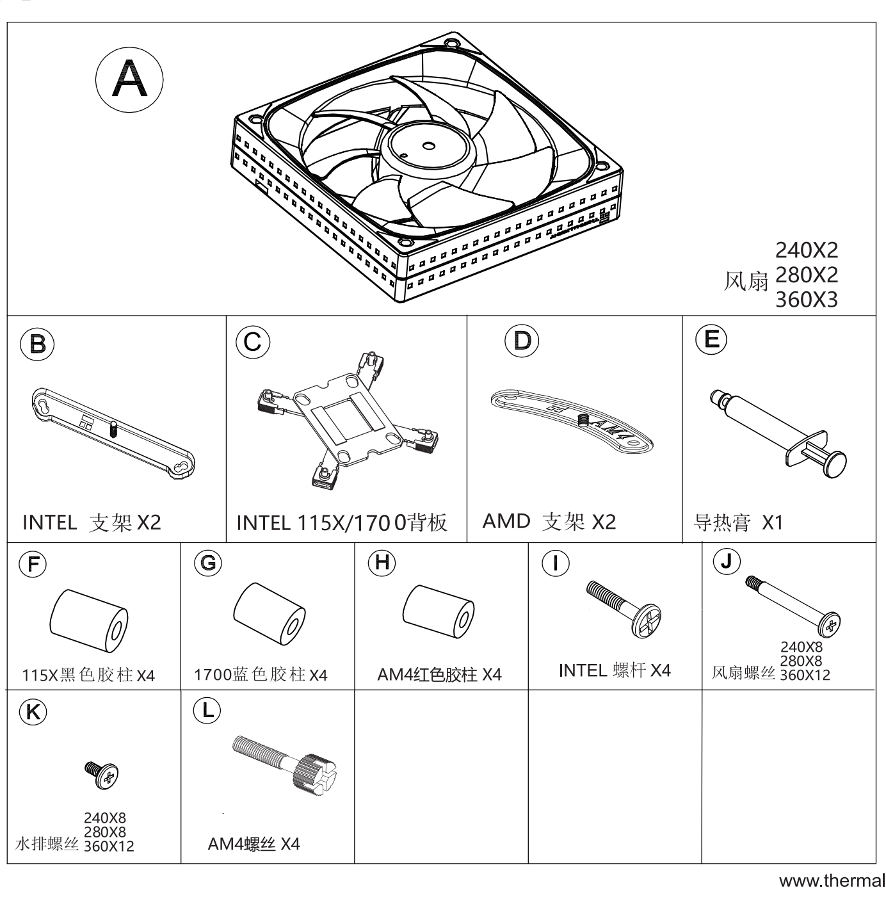
注意！！！ 任何水冷都存在漏液风险，请谨慎按规定操作安装！安装前请对水冷外观进行详细检查。开箱检查如有外观变形请立即联系客服进行确认！

水冷专用的高性能PWM风扇
配备高扬程 高性能水泵
新型大面积冷排

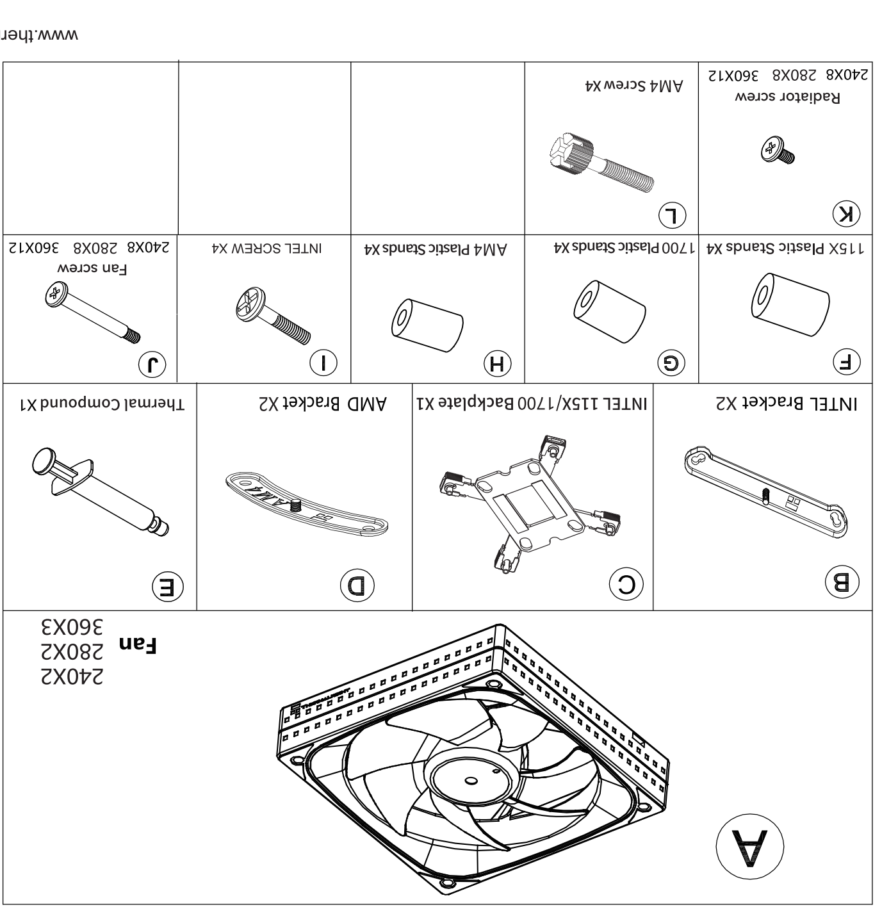
REV: 1.1

www.thermalright.com

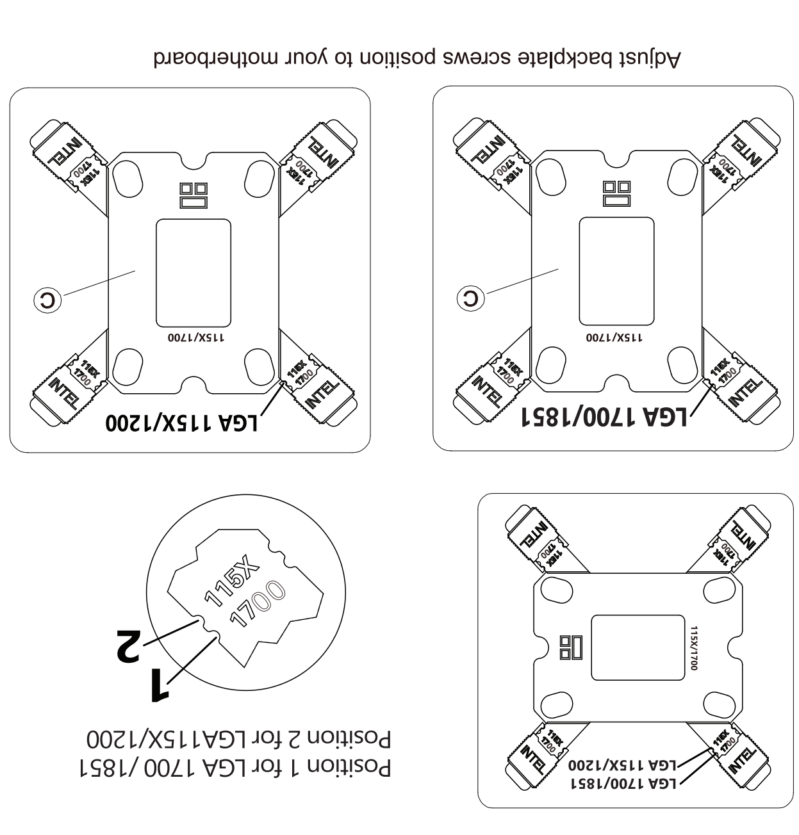
附件清单


A
风扇
240X2
280X2
360X3
B
INTEL 支架 X2
C
INTEL 115X/1700背板
D
AMD 支架 X2
E
导热膏 X1
F
115X黑色胶柱 X4
G
1700藍色胶柱 X4
H
AM4红色胶柱 X4
I
INTEL 螺杆 X4
J
240X8
280X8
风扇螺丝 360X12
K
240X8
280X8
水排螺丝 360X12
L
AM4螺丝 X4

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
AM4 Plastic Stands X4
I
INTEL SCREW X4
J
240X8 280X8 360X12
Fan screw
K
240X8 280X8 360X12
Radiator screw
L
AM4 Screw X4

INTEL LGA 115X/1700 Adjust intel backplate

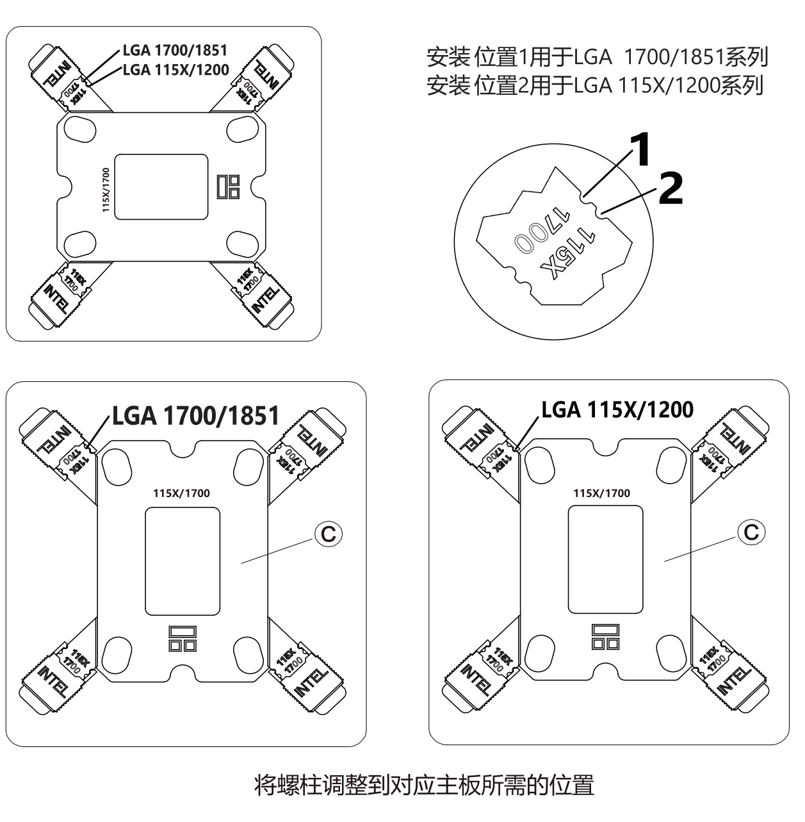

LGA 1700/1851
LGA 115X/1200
115X/1700
C
115X
1700
1
2

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

Adjust backplate screws position to your motherboard

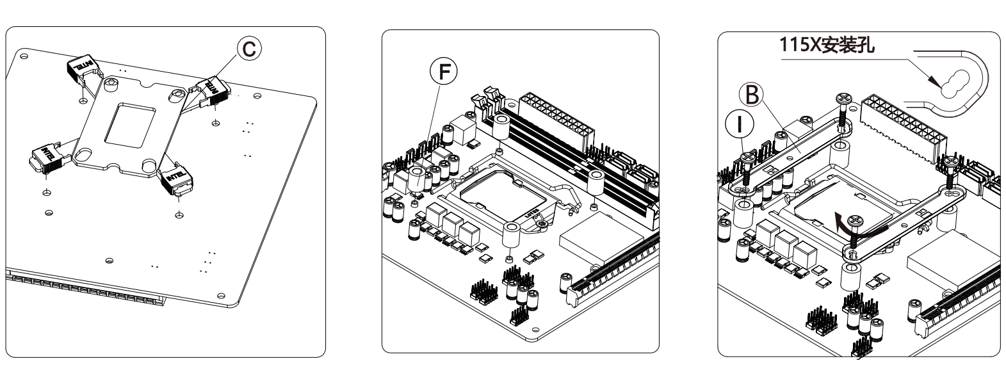
INTEL LGA 115X/1700安装背板

安装位置1用于LGA 1700/1851系列
安装位置2用于LGA 115X/1200系列

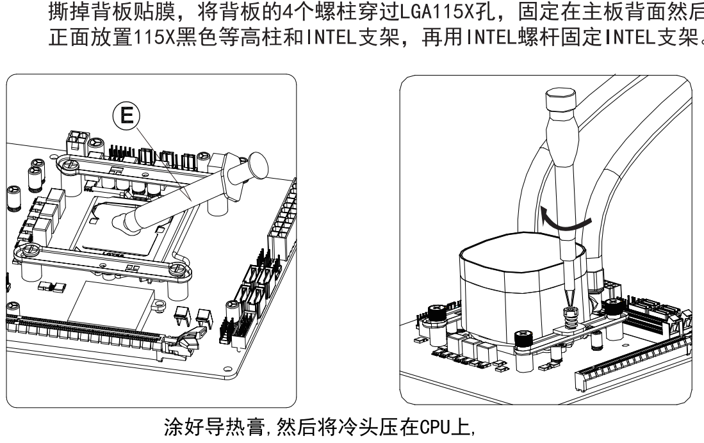

LGA 1700/1851
LGA 115X/1200
115X/1700
1
2
1700
115X
C

将螺柱调整到对应主板所需的位置

INTEL LGA115X/1200安装

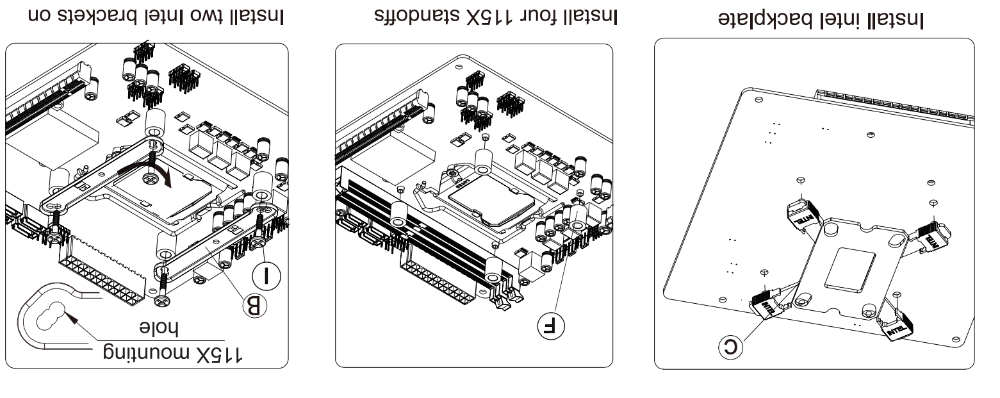

C
F
115X安装孔
B
I

撕掉背板贴膜，将背板的4个螺柱穿过LGA115X孔，固定在主板背面然后正面放置115X黑色等高柱和INTEL支架，再用INTEL螺杆固定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.

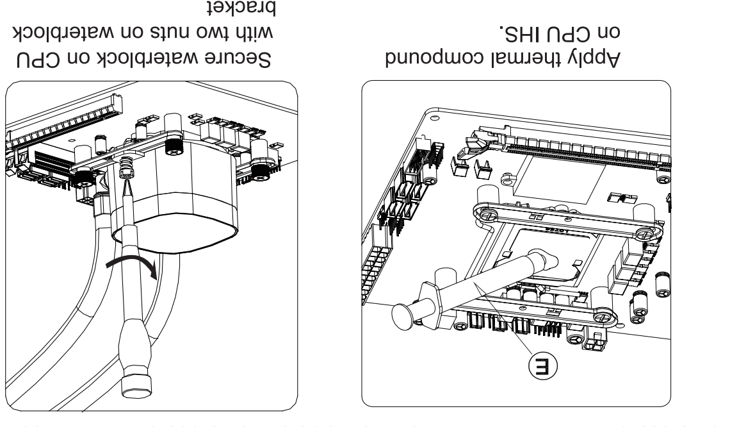
INTEL LGA115X/1200 Installation


C
F
B
I
115X mounting hole

Install intel backplate from back side of motherboard

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

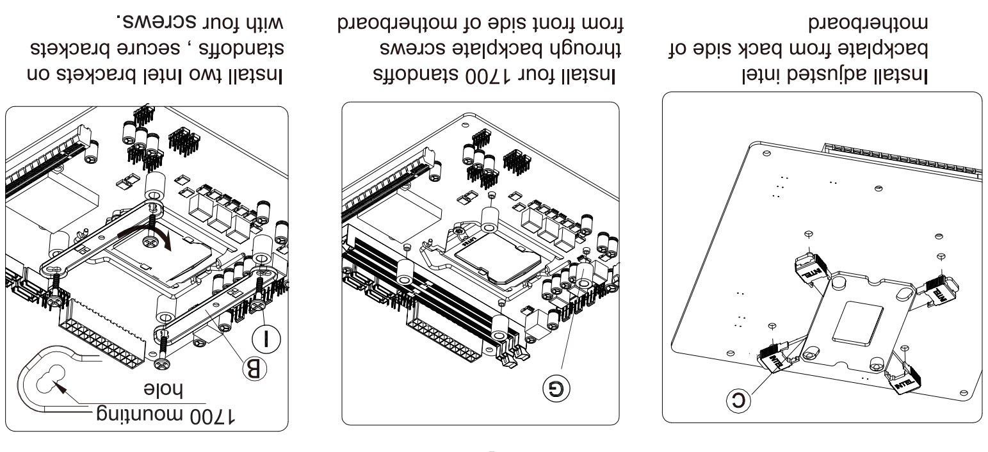
Install two Intel brackets on standoffs , secure brackets with four screws.



Apply thermal compound on CPU IHS.

Secure waterblock on CPU with two nuts on waterblock bracket

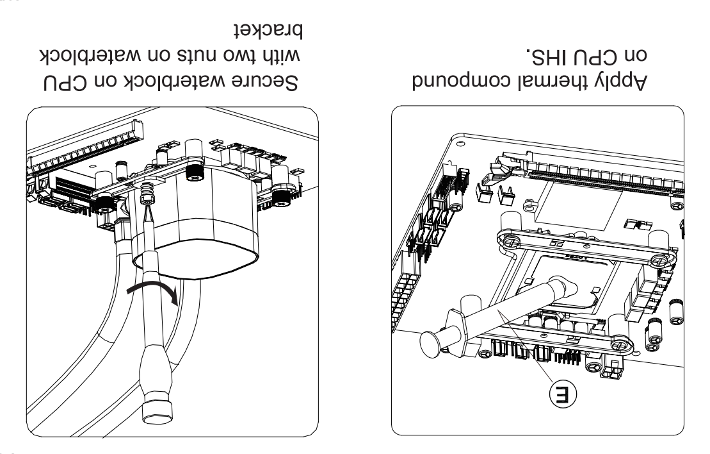
INTEL LGA1700/1851 Installation


C
G
B
I
1700 mounting hole

Install adjusted intel backplate from back side of motherboard

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

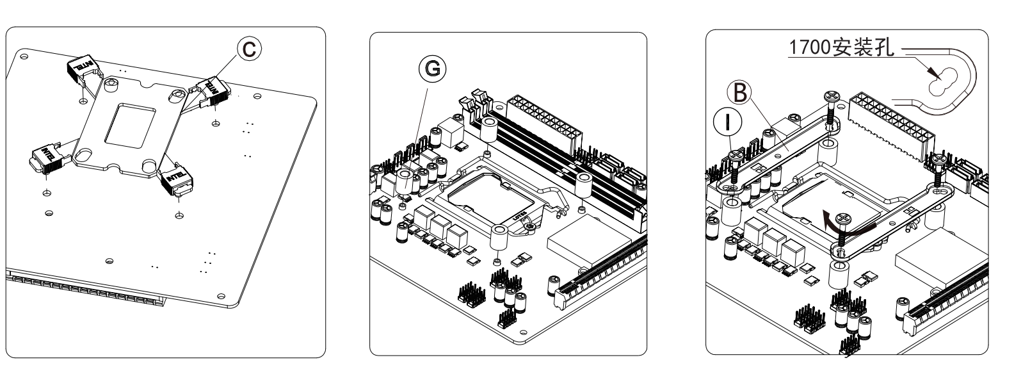
Install two Intel brackets on standoffs , secure brackets with four screws.



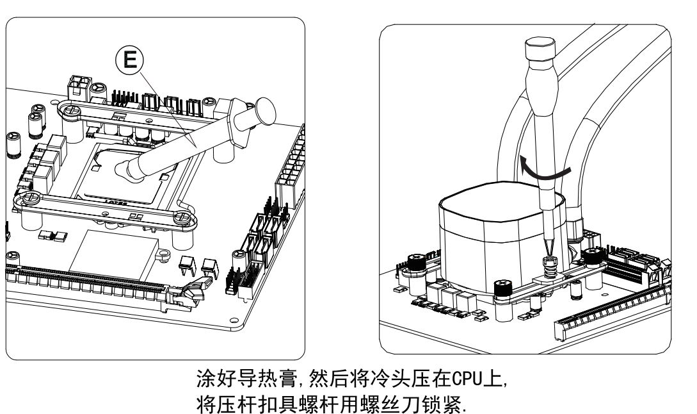
Apply thermal compound on CPU IHS.

Secure waterblock on CPU with two nuts on waterblock bracket

INTEL LGA1700 /1851 安装

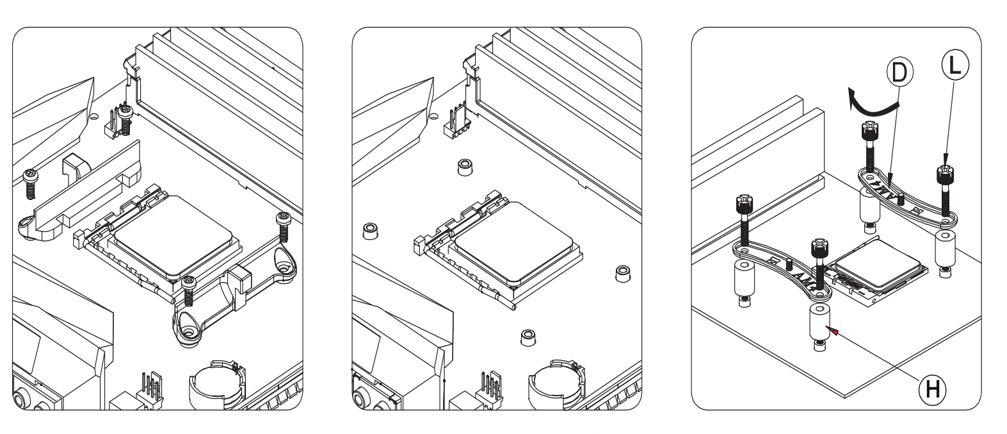

C
G
1700安装孔
B
I

撕掉背板贴膜，讲背板的4个螺柱穿过LGA1700孔位，固定在主板背面然后正面位置放置1700蓝色等高柱和INTEL支架，再用INTEL螺杆固定INTEL支架。

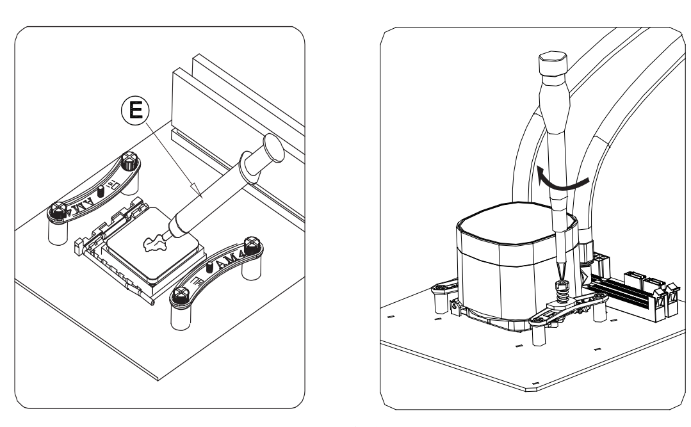


涂好导热膏, 然后将冷头压在CPU上.
将压杆扣具螺杆用螺丝刀锁紧.

AMD AM4/AM5 安装

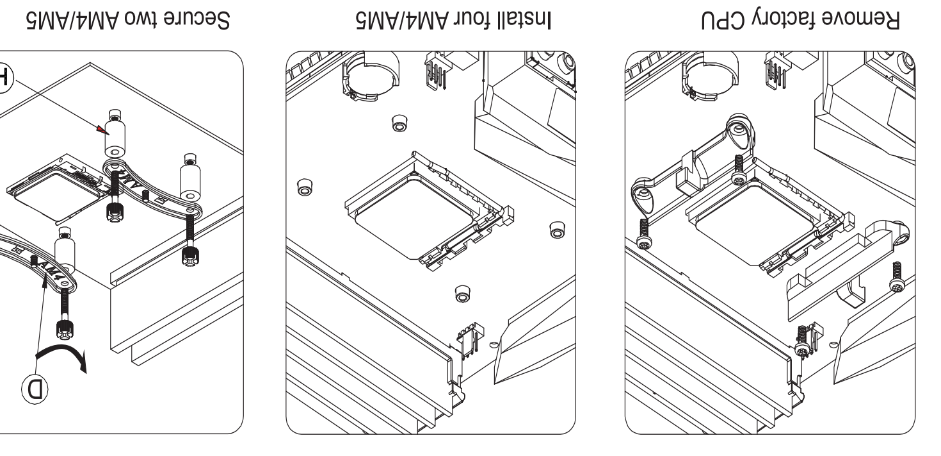


移除AMD原装塑胶支架, 保留背板, 使用AM4螺丝将AMD支架固定到背板



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...

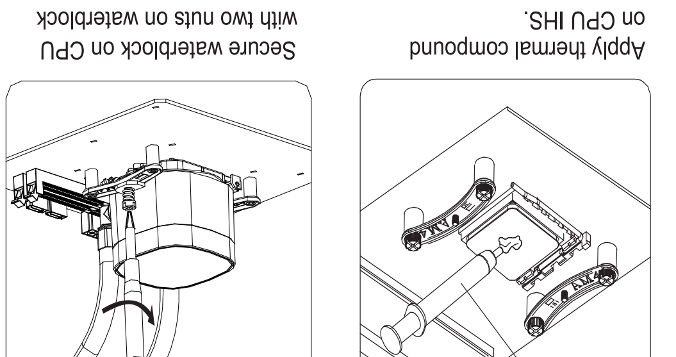
AMD AM4/AM5 Installation



Remove factory CPU brackets and screws, KEEP the backplate

Install four AM4/AM5 standoffs on backplate

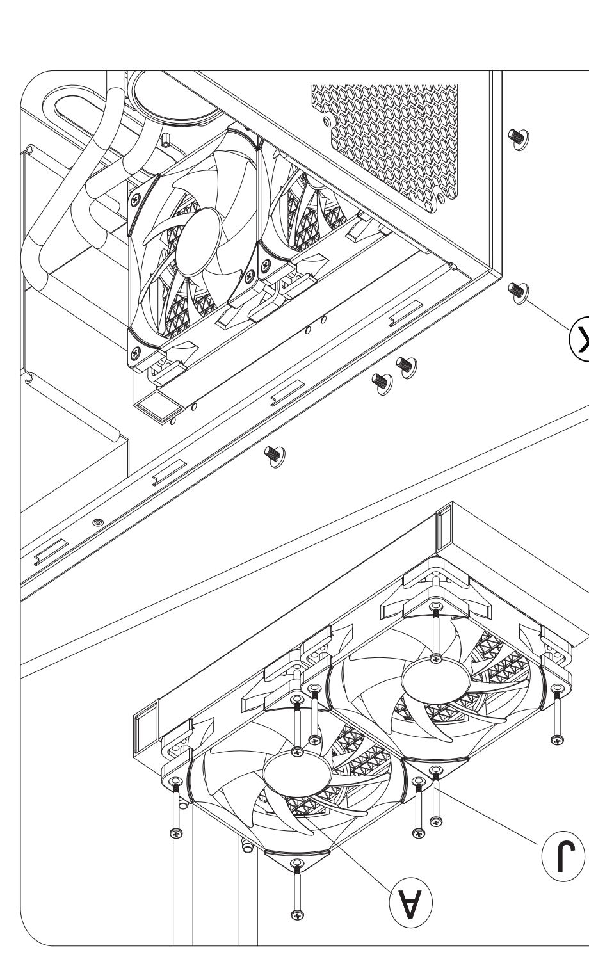
Secure two AM4/AM5 brackets with four AM4/AM5 screws.



Apply thermal compound on CPU IHS.

Secure waterblock on CPU with two nuts on waterblock bracket

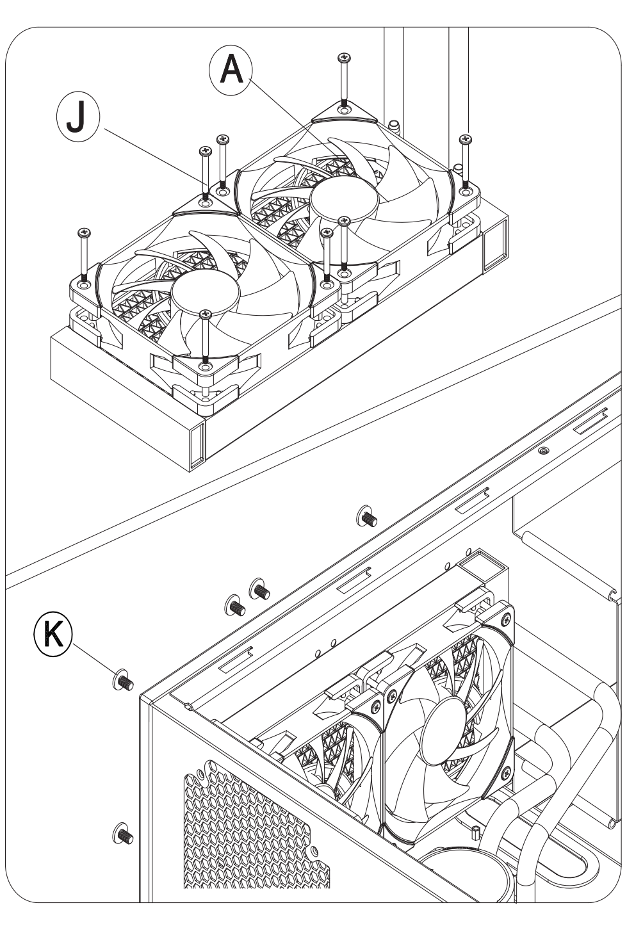
Fan&Radiator Mounting



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

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

风扇与冷排安装



使用风扇螺丝，将风扇固定在水排上;

使用水排螺丝，将水排固定在机箱上。

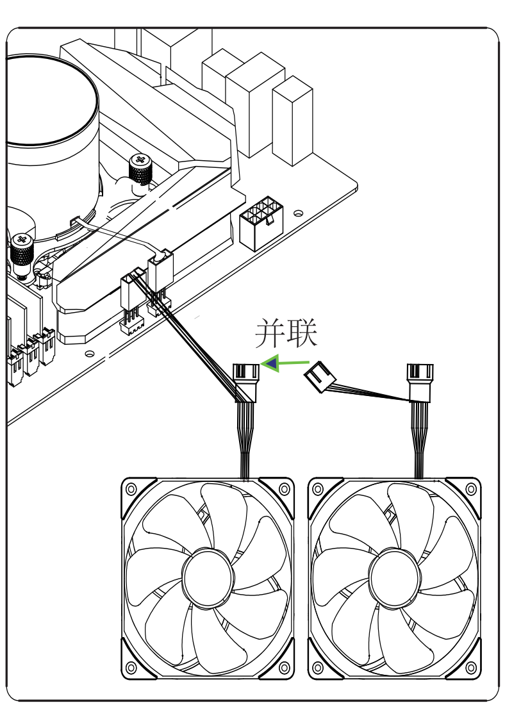
冷头/风扇使用说明

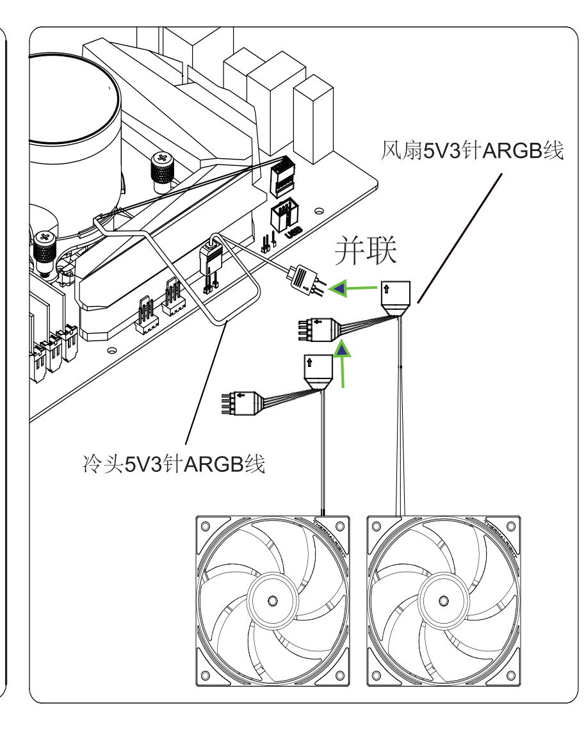
■ 在主板上安装供电线和RGB线

将水泵供电线接在主板CPU OPT或者AIO PUMP接口。
风扇供电线接在主板CPU_FAN接口。

将风扇ARGB线与冷头RGB线并联，接在主板的3针ARGB接口，即可通过主板的灯光软件来控制灯效。

冷头数据传输线接到主板USB2.0的9针接口



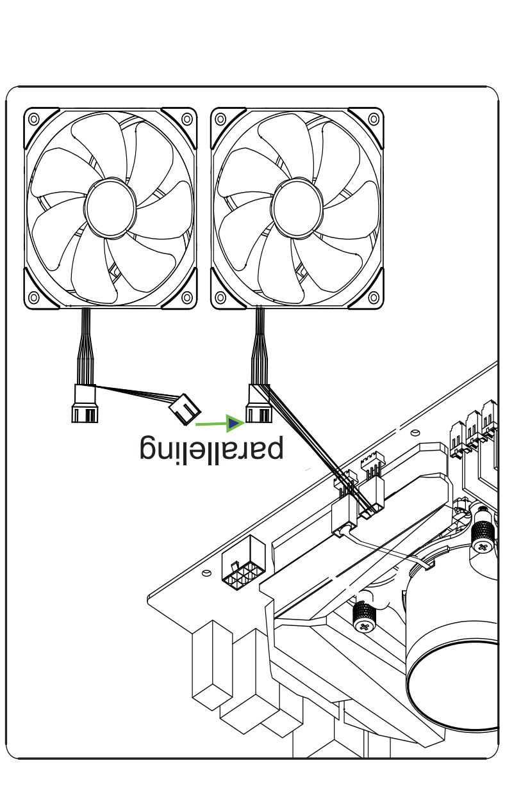

风扇5V3针ARGB线
并联
冷头5V3针ARGB线

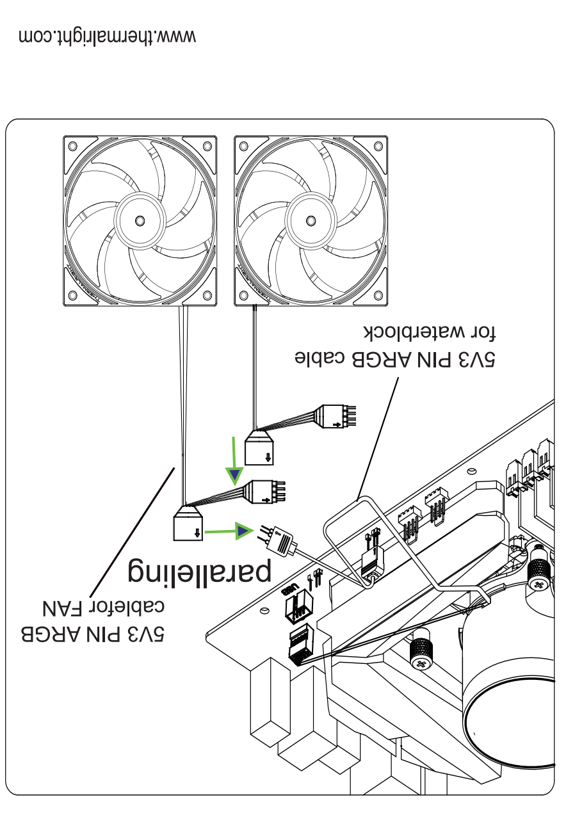
Waterblock/Fan Guide

■ Connect the waterblock pump power cable to CPU OPT or AIO PUMP socket
Connect fan power cable to CPU _FAN socket on motherboard.

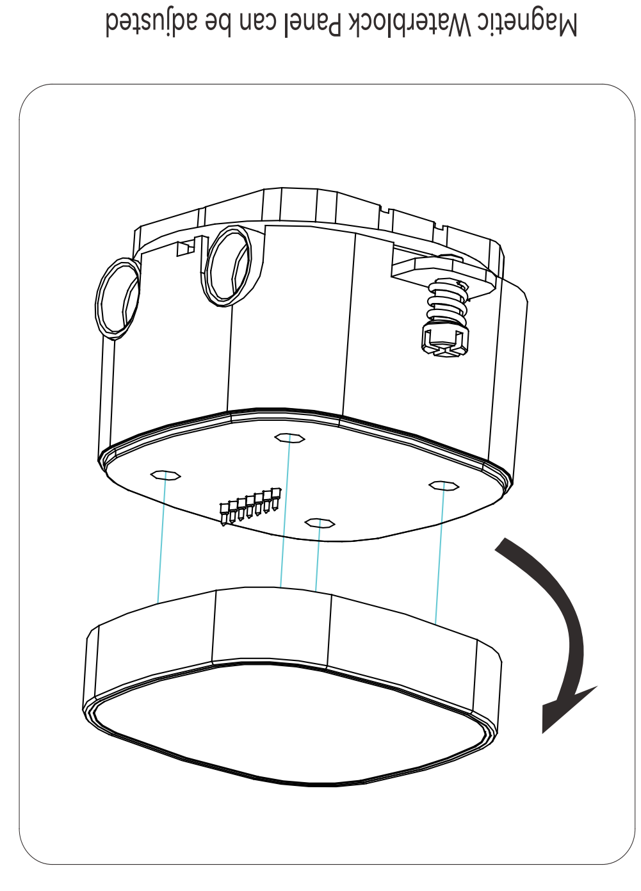
Parallel connection of Waterblock RGB line and fan ARGB line, can be control by motherboard by connecting lighting cable to 3-pin ARGB socket on motherboard.

Connect 9 pn USB cable to 9 pin USB socket on motherboard.


paralleling

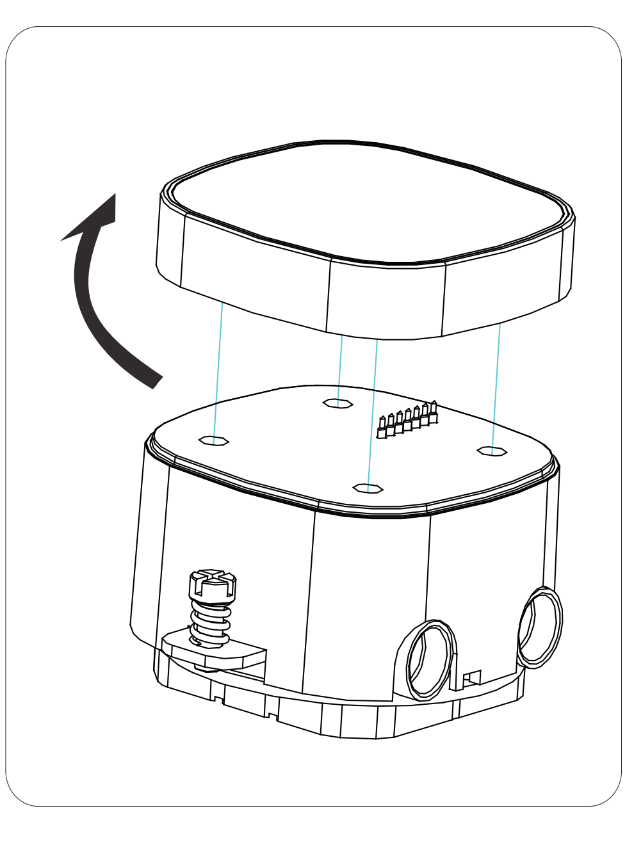

5V3 PIN ARGB cable for waterblock
paralleling
5V3 PIN ARGB cablefor FAN

Rotate waterblock panel.



Magnetic Waterblock Panel can be adjusted to four directions.

冷头上盖操作说明



冷头磁吸设计，可360°切换

FROZEN HORIZON DIGITAL控制软件说明

1.本产品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:
https://www.thermalright.com.cn/support/download/
解压并双击安装程序安装

3.桌面双击 软件快捷方式图标运行软件

4.本产品的实时数据监控/数据传输/开启关闭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9针USB接口进行硬件重启

FROZEN HORIZON DIGITAL DISPLAY USER GUIDE

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

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.

THERMALRIGHT®
low Temperature high Performance
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产品保修卡

用户姓名：

联系电话：

产品名称：

产品型号：

购买日期：

尊敬的用户：

感谢您选择使用 Thermalright 散热系列产品，为了能真正享受三包售后权利，请您仔细阅读本保修卡内容：

本公司出品之散热器产品在正常使用的情况下发生故障，客户可以在原购买经销网点联系出示此保修卡，即可享受本公司所提供之三包服务，并享有工厂所承诺提供5年免费维修服务；（客户未注明购买日期及凭证者，以产品出厂日期为准），此保修卡为质保的唯一凭证，请用户妥善保存。

以下情况不实行三包售后服务：

1.不能出示此保修卡，并提供购买发票及凭证者
2.购买讯息有涂改痕迹或与产品不符合者
3.由于用户不当使用造成的损坏，如液体注入，外力受损等
4.由于环境因素、或者不可抗力因素造成的产品损害
5.用户自行拆卸、修理或由第三方非指定维修站点修理
6.使用环境不符合国家有关规定，如3C认证规定等
7.出现其他不符合三包售后相关规定的情况者
8.超过三包有效期限的，或不符合产品质保服务范围者
9.未按产品使用说明的要求使用、维护、保管而造成的损坏者
10.对于维修服务中更换下来的零件，均不交还用户，敬请谅解
11.本保修卡中内容如有与国家规定不符之处，以国家规定为准

如需了解更多本公司产品讯息
欢迎访问：www.thermalright.com

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检验人员：Stan
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