FORZA 50 ESSENTIAL

SINGLE TOWER AIR COOLER

SPECIFICATIONS 产品规格 , 產品規格

Product Name 产品名称 , 產品名稱	FORZA 50 ESSENTIAL
CPU Socket 支援 CPU 插座类型 , 支援 CPU 插座類型	Intel: LGA 1851 / 1700 / 1200 / 2066 / 2011 / 115X / 1366 AMD: AM5 / AM4 / AM3+ / AM3 / AM2+ / AM2 / FM2 / FM1

Heatsink 散热器 , 散熱器

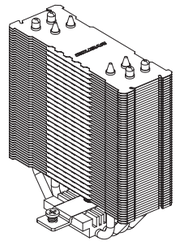
CPU touched base CPU 散热底座 , CPU 散熱底座	Copper with HDT technology 铜底板与 HDT 热导管直触技术 , 銅底板與 HDT 熱導管直觸技術
Heat pipe diameter 热导管尺寸 , 熱導管尺寸	6 mm
Heat pipe number 热导管数量 , 熱導管數量	4 units 4根 , 4根
Heat pipe finish 热导管表面 , 熱導管表面	Copper with nickel plated 铜镀镍 , 銅鍍鎳
Craftsmanship 制作工艺 (热导管与散热鳍片) 製作工藝 (熱導管與散熱鰭片)	Zipper fin 穿 FIN , 穿 FIN
Dimension (WxDxH) 尺寸(宽x深x高) , 尺寸(寬x深x高)	50 x 135 x 155mm
Weight 重量(不含风扇) , 重量(不含風扇)	576 g
Weight Incl. Fan 重量(含风扇) , 重量(含風扇)	772 g

Fans 风扇 , 風扇

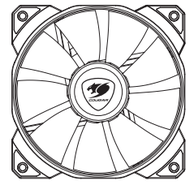
Fan Model 风扇型号 , 風扇型號	NHP120
Dimensions (WxDxH) 尺寸 (宽x深x高) , 尺寸 (寬x深x高)	120 x 120 x 25 mm
Fan Speed 风扇转速 , 風扇轉速	600-2000 RPM±200RPM
Air Flow 风量 , 風量	82.48 CFM / 143.53 m3/h (± 10%)
Air Pressure 风压 , 風壓	4.24 mm H2O±10%
Acoustic Noise 风扇噪音 , 風扇噪音	34.5dB(A) (Max.)
Rated Voltage 额定电压 , 額定電壓	12 VDC
Rated Current 额定电流 , 額定電流	0.28A
Power Consumption 功耗 , 功耗	3.36W ± 10%
Bearing Type 轴承型式 , 軸承型式	Hydraulic Bearing 液压轴承 , 液壓軸承
Cable Length 电源线长度 , 電源線長度	200 mm
Connector & Control 控制连接类型 , 控制連接類型	4 Pin PWM

ACCESSORY KIT
零件包 , 零件包

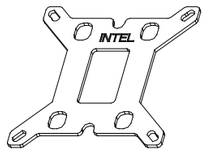
A CPU Cooler
CPU散热器
CPU散熱器



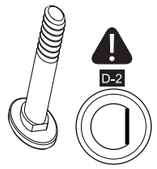
B FAN x 1
风扇 x 1
風扇 x 1



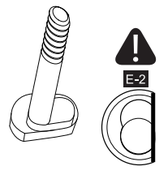
C Backplate (for INTEl)
背板 (INTEL专用)
背板 (INTEL專用)



D Backplate Screw x 4
(LGA115X / 1200 / 1366)
背板螺丝 x 4 (LGA115X / 1200 / 1366)
背板螺絲 x 4 (LGA115X / 1200 / 1366)



E Backplate Screw x 4
(LGA1851/1700)
背板螺丝 x 4 (LGA1851/1700)
背板螺絲 x 4 (LGA1851/1700)



F Screw for INTEL LGA2011 x 4
INTEL LGA2011专用螺丝 x 4
INTEL LGA2011專用螺絲 x 4

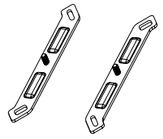
G Plastic Stand-off x 4
(For Both INTEL / AMD)
塑胶柱 x 4 (INTEL / AMD共用)
塑膠柱 x 4 (INTEL / AMD共用)

H Plastic Spacer x 4
塑胶垫片 x 4
塑膠墊片 x 4

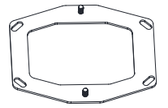
I Screw x 4
螺丝 x 4
螺絲 x 4

J Thumb Screw x 4
手动螺丝 x 4
手動螺絲 x 4

K Intel Bracket
INTEL 支架
INTEL 支架



L AMD Bracket
AMD 支架
AMD 支架



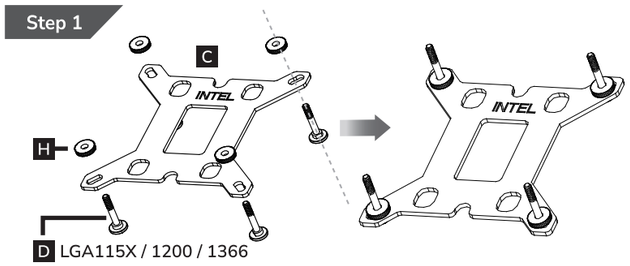
M Fan Clips x 4 (2 set)
风扇扣具 x 4 (两组)
風扇扣具 x 4 (兩組)

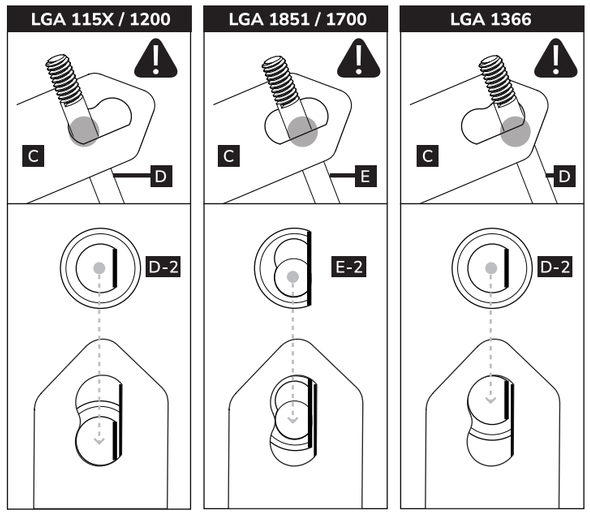
N Thermal Paste
散热膏
散熱膏

O Screwdriver
螺丝起子
螺絲起子

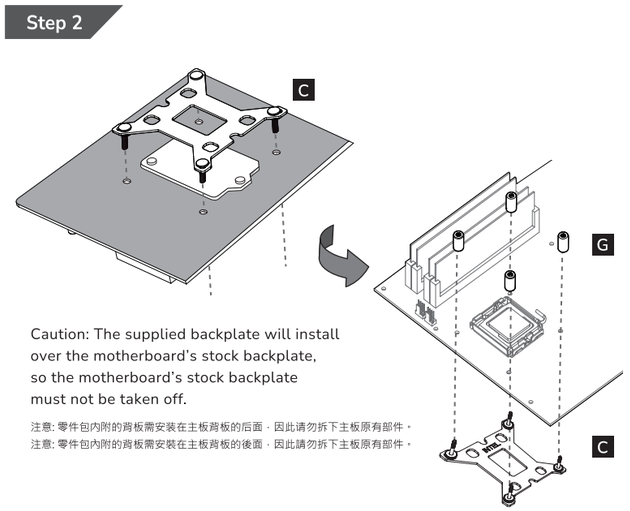
Intel LGA1851 / 1700 / 1200 / 115X / 1366

Step 1



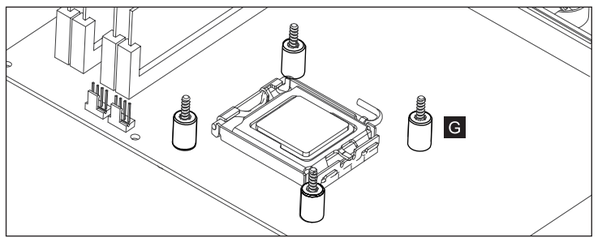


Step 2



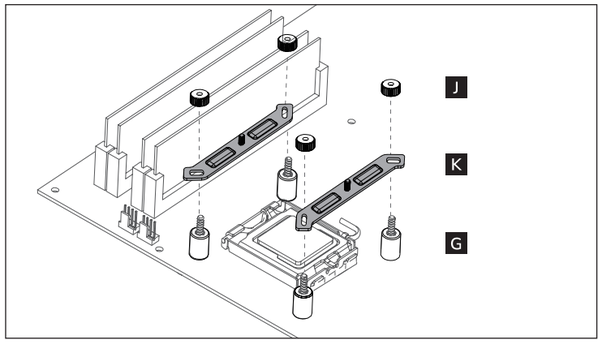
Caution: The supplied backplate will install over the motherboard's stock backplate, so the motherboard's stock backplate must not be taken off.

注意: 零件包内附的背板需安装在主板背板的后面，因此请勿拆下主板原有部件。
注意: 零件包內附的背板需安裝在主板背板的後面，因此請勿拆下主板原有部件。

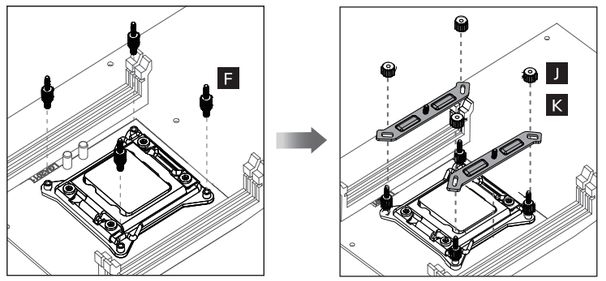


Step 3

LGA1851 / 1700 / 1200 / 115X / 1366



Intel LGA2011

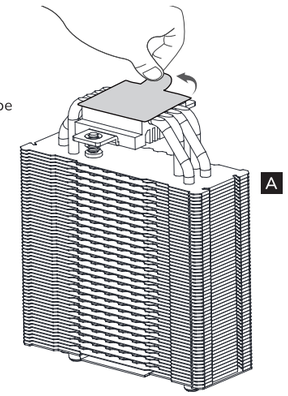


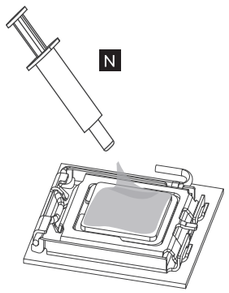
For LGA2011, screw the "Screw F" on the motherboard directly without the "Backplate C"

安装LGA2011时，请使用「F - 螺丝」直接锁固在主板上，不需要搭配「 C - 背板 」安装。
安裝LGA2011時，請使用「F - 螺絲」直接鎖固在主板上，不需要搭配「 C - 背板 」安裝。

Step 4

Please remove the protect tape before installing
安装前请先撕下保护膜。
安裝前請先撕下保護膜。





Caution:
Applying too much thermal paste will lower heat conductivity and cooling performance!

注意：散热膏涂抹过多会降低热传导性能与散热效能。
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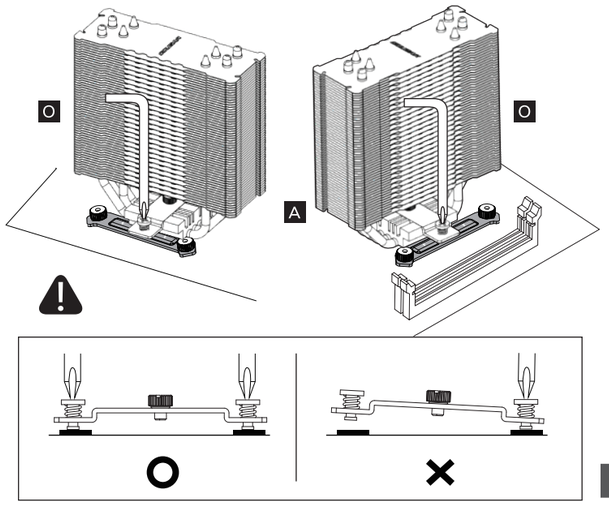
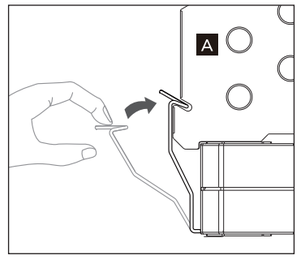
Intel LGA1851 / 1700 / 1200 /115X / 1366 / 2011

Step 5



Step 6



Attach the fan using the supplied steel clips for maximum cooling performance.
请使用零件包内附的风扇扣具来安装风扇，以达到最佳散热效能。
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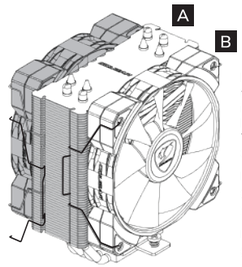

Forza 50 Essential comes with an additional set of fan clips that allows for a second 120 mm fan of any brand to increase the heat dissipation efficiency of the Forza 50 Essential.
To maximize the performance,we recommend a second COUGAR MHP 120 fan (sold separately).

Forza 50 Essential零件包多附一组风扇扣具可支援所有品牌的120mm风扇，建议您可安装第二个风扇以提升Forza 50 Essential的散热效能。
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Forza 50 Essential零件包多附一組風扇扣具可支援所有品牌的120mm風扇，建議您可安裝第二個風扇以提升Forza 50 Essential的散熱效能。
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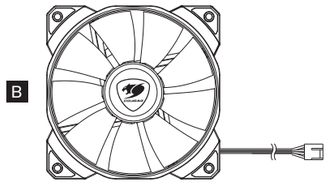
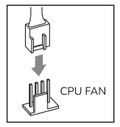
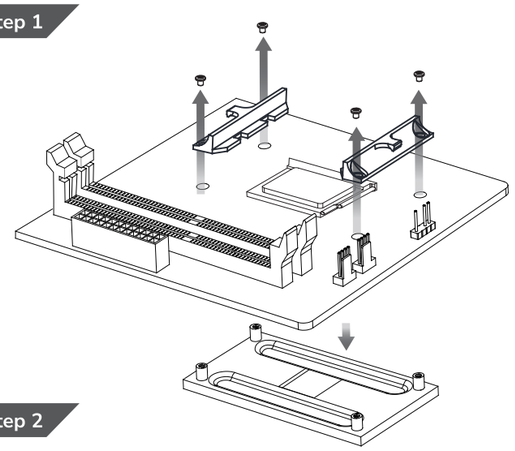
Step 7





AMD AMD AM5 / AM4 / FM2 / FM1 / AM3+ / AM3 / AM2+ / AM2 CPU

Step 1



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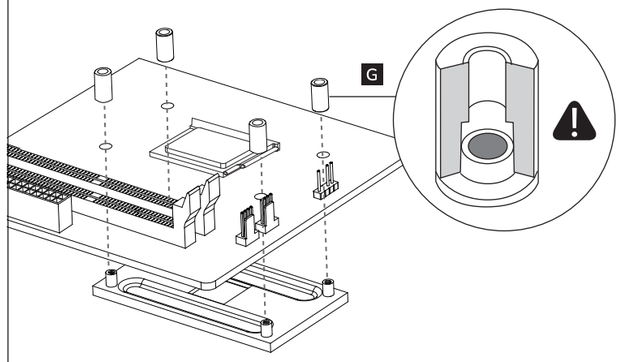
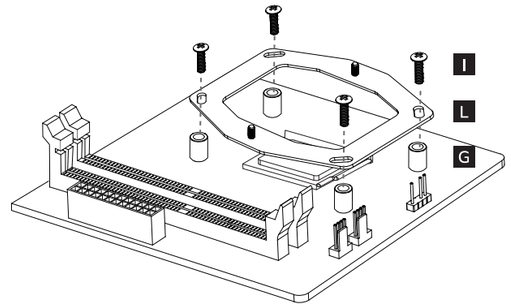
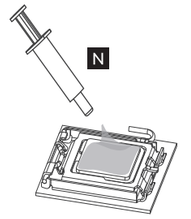


Step 3



Step 4



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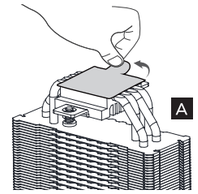

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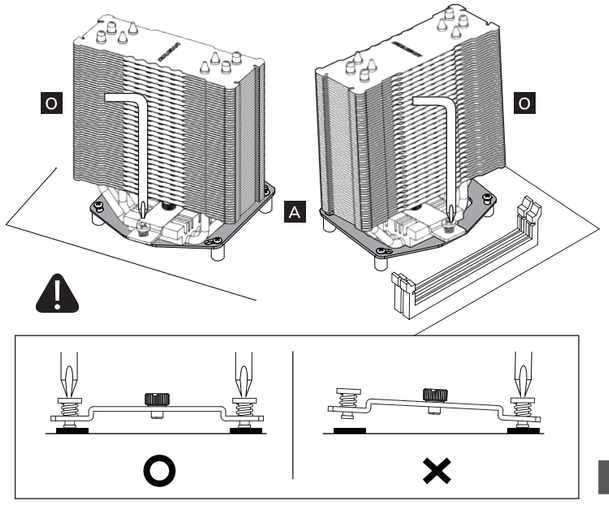
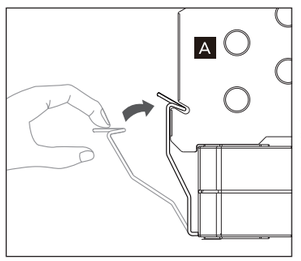
Step 5



Step 6



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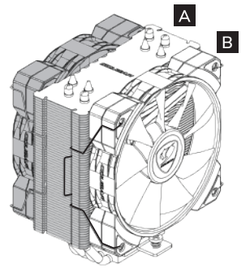

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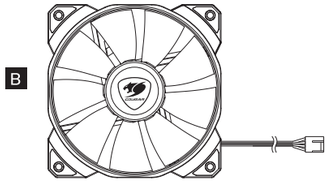
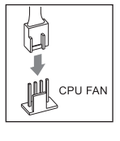
Step 7





GLOBAL WARRANTY POLICY 全球保固条款 , 全球保固條款

WARRANTY PERIODS OF COUGAR GAMING DEVICES
Product : COUGAR Forza 50 Essential single tower air cooler
Warranty : 2 Years
This warranty gives you specific legal rights. You may also have other rights granted under local law. These rights may vary.

COUGAR电竞产品保固期 , COUGAR電競產品保固期
产品名称 , 產品名稱 : COUGAR Forza 50 Essential单塔散热器 , COUGAR Forza 50 Essential單塔散熱器
保固期 , 保固期 : 2年 , 2年
本保固条款赋予您特定的合法权利，而您所在的地区可能也会赋予您其他权利。
本保固條款賦予您特定的合法權利，而您所在的地區可能也會賦予您其他權利。

WARRANTY AGREEMENT
- If the product has defects in material or manufacture, COUGAR will provide product repair and replacement service within the warranty period.
- Our warranty service is based on the date of the invoice or warranty card (must be affixed with the store stamp).
- If you lose the aforementioned evidence, we will apply the original shipping date of the product as the beginning date of warranty period. The shipping date will be identified by the product serial number(S/N).

CONDITIONS WHERE FREE MAINTENANCE IS NOT PROVIDED
- Any fault or damage caused by natural disasters (including storm, fire, flood, thunder, earthquake, etc).
- Any fault or damage caused by accidental factors and man-made reasons (including hit, scrape, crash, moving, compression, stain, corrosion, use of incurred on unsuitable voltage, computer virus, riot, misuse, malicious damage, etc).
- Use in an improper operating environment (including high temperature, high humidity, water inflow, etc).
- Inability to provide the product warranty card, purchase receipt or invoice to prove the product is still within the warranty period and the shipping date of the product is out of warranty.
- The warranty card or product serial number has been altered or its number is hard to identify.
- The warranty period has expired.
- Any fault or damage caused by non-compliance with regulations stated on the user manual or improper, rough and careless treatment.
- Any fault or damage caused by use of parts not certified by COUGAR original manufacturer.
- The problem is caused by improper repair or adjustment by the buyer or any manufacturer without authorization from COUGAR.
- The product is not acquired from an authorized distributor of the company or is acquired from illicit sources.
- Paper carton, instruction and other accessories are not warranted.

DISCLAIMERS
- COUGAR product is not authorized for use as critical components in life support device or for incorrect application software or malfunction of the product.
- COUGAR is not liable for the death or damage of person or loss of property when product is using as, including but not limited to, medical equipment, military equipment, traffic equipment and disaster prevention system.
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ДАТА ИЗГОТОВЛЕНИЯ ПРОДУКЦИИ
год и месяц изготовления продукции указаны в серийном номере продукта.
(существует 2 способа определения даты изготовления, оба способа описаны ниже)

A После S/N: первые две цифры означают год, вторые две – месяц изготовления. Например, S/N: H**2202**000001 означает, что товар был произведен в феврале 2022 года.

B После S/N: если указаны буквы, то две буквы представляют цифры из таблицы ниже, и означают год, последующие две цифры – месяц изготовления.

Например, S/N: D**BB02**REVI000001 означает, что товар был произведен в феврале 2022 года.

A	B	C	D	E	F	G	H	I	J
1	2	3	4	5	6	7	8	9	0

• Например, BB = 22 = 2022 год

- يجب تركيب كل قطعة بحذر و بمكانها المناسب.
- من يقوم بعلمية التركيب الشخص المختص فقط.

تعليمات التركيب و الأمان:
- عند التركيب أو التفكيك يجب التأكد من أن جميع الأسلاك مفصولة عن الكهرباء.
- يجب اتخاذ الإحترازات اللازمة لمنع الصعق الكهربائي.
- يجب إرتداء الملابس المناسبة أثناء تركيب/ تجميع الكمبيوتر.

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