



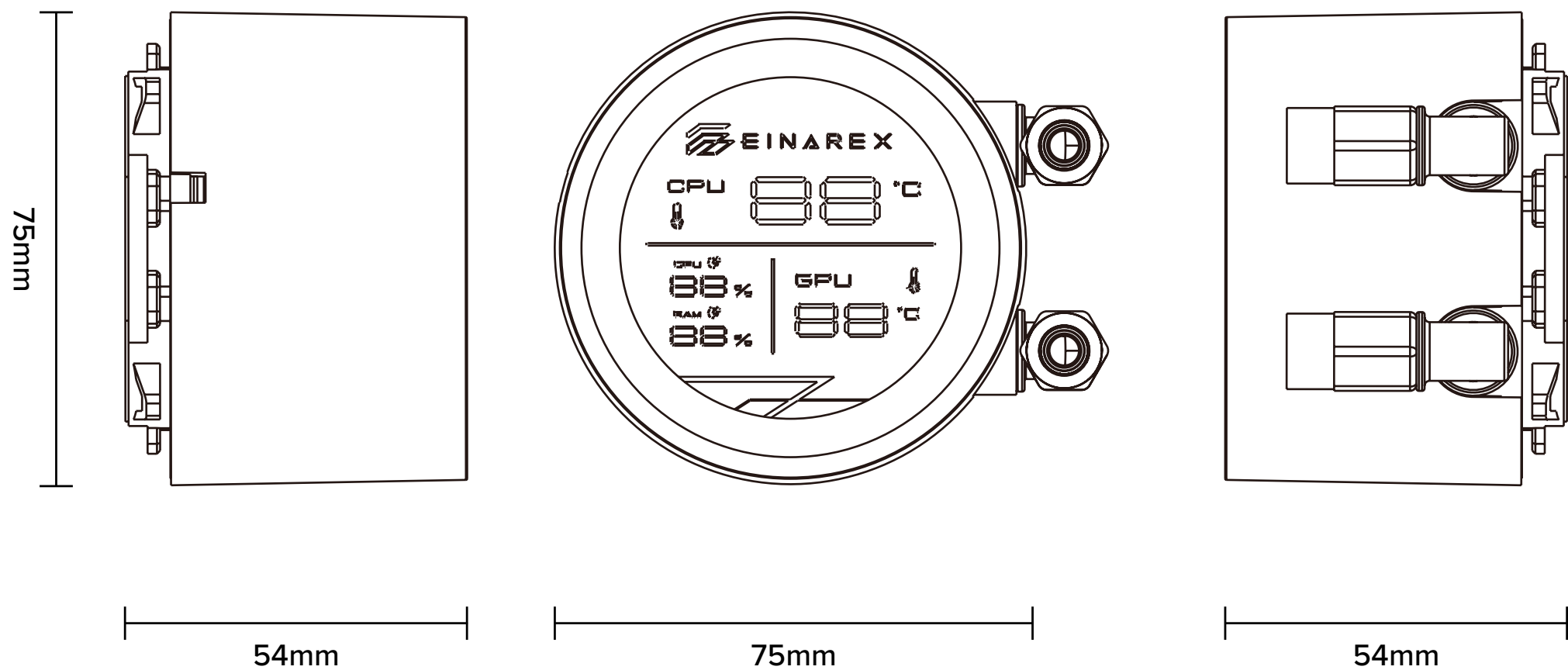
EINAREX



ORBIT

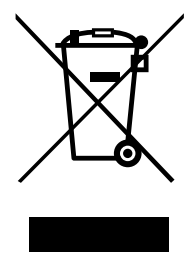
INSTALLATION MANUAL

ORBIT



SAFETY INFORMATION

WARNING: This unit has no user-serviceable parts inside. Opening the casing presents a risk of electrocution and will void the product's warranty. EINAREX will not be responsible for any result of improper use, including but not limited to, any use of the product outside of its intended purpose or use inconsistent with the warranty terms.



DISPOSAL

This product contains recyclable materials and should not be disposed of with regular household waste. To protect the environment, please dispose of this product at designated collection points in accordance with your local electronic waste recycling regulations. Proper recycling helps reduce environmental pollution and allows valuable materials to be reused. For detailed recycling guidelines, please contact your local waste management authority.



MAINTENANCE AND CLEANING

Before cleaning, ensure the power is turned off and the power cord is unplugged for safety. We recommend using a clean, dry cloth to clean the product surface to remove accumulated dust. If cleaning agents are necessary, please use neutral cleaning agents and avoid direct contact with electronic components. Ensure the product is completely dry before use. Do not use corrosive or abrasive cleaning products to prevent damage to the product surface.



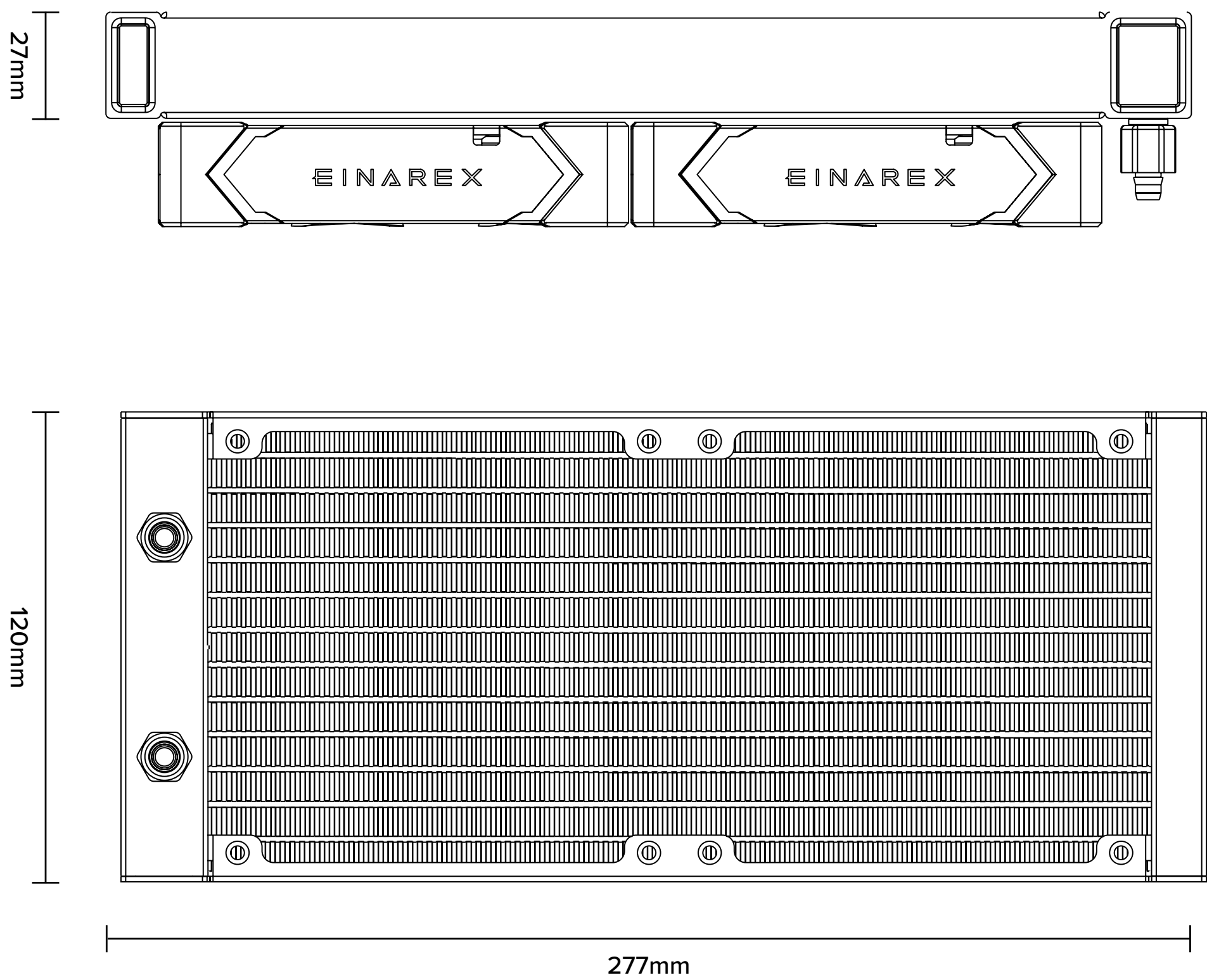
WARRANTY

EINAREX provides a 3-year product warranty for non-human damage. For detailed warranty terms, please check: enarex.com

WHAT'S INSIDE

- Included with ORBIT package are the following items:
- Universal bracket for INTEL and AMD x1
 - Install screws pack x1
 - A-RGB setup cables x1

TECHNICAL SPECIFICATIONS



Technical Specifications

Intel Socket	LGA 1851 / 1700 / 1200 / 115x / 20xx
AMD Socket	AM5 / AM4

Radiator

Dimensions	277 x 120 x 27mm
Material	Aluminum
Tube length	400mm±10mm

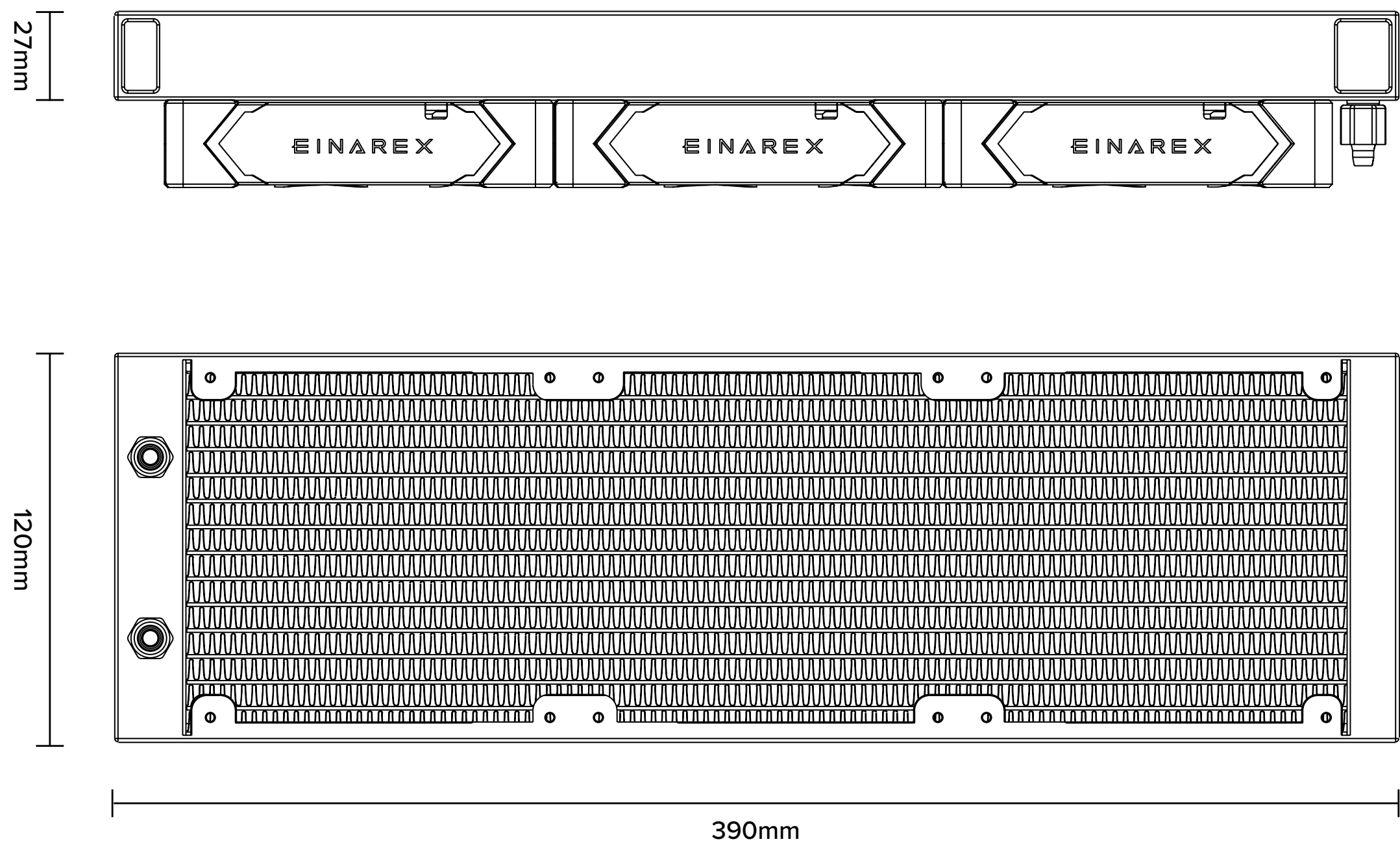
Water block

Dimensions	75 x 75 x 54mm
Coldplate material	Copper
Pump speed	2800 RPM

Fans

Number of fans	x2
Dimensions	120mm x 120mm x 25mm
Fan bearing	Hydraulic Bearing
Speed	600-2600±10% RPM
Airflow	82.9 CFM
Static pressure	4.16mmH2O
Noise	40.7 dBA MAX
Fan control	PWM
Life	30,000 hours

TECHNICAL SPECIFICATIONS



Technical Specifications

Intel Socket	LGA 1851 / 1700 / 1200 / 115x / 20xx
AMD Socket	AM5 / AM4

Radiator

Dimensions	397 x 120 x 27mm
Material	Aluminum
Tube length	400mm±10mm

Water block

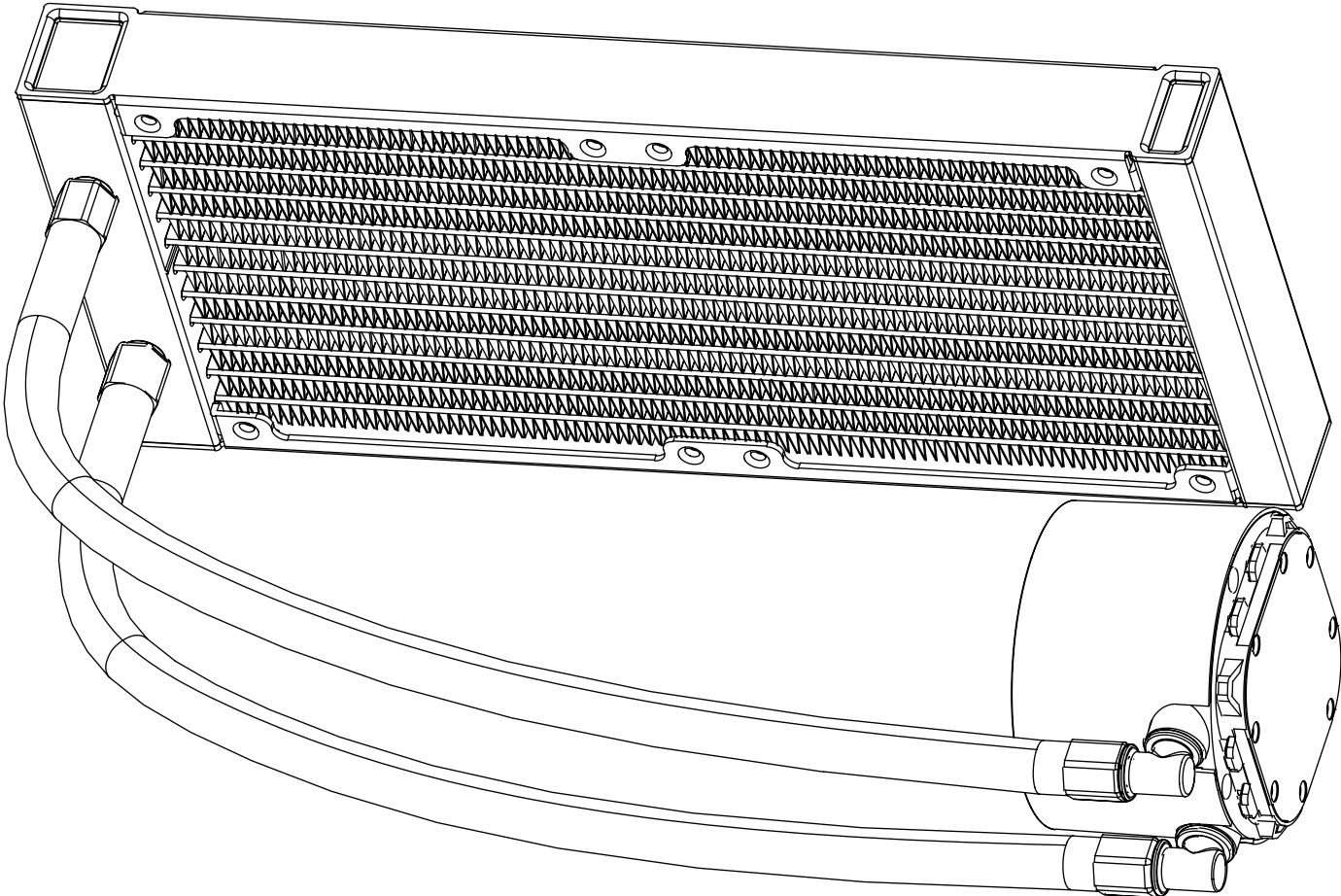
Dimensions	75 x 75 x 54mm
Coldplate material	Copper
Pump speed	2800 RPM

Fans

Number of fans	x3
Dimensions	120mm x 120mm x 25mm
Fan bearing	Hydraulic Bearing
Speed	600-2600±10% RPM
Airflow	82.9 CFM
Static pressure	4.16mmH2O
Noise	40.7 dBA MAX
Fan control	PWM
Life	30,000 hours

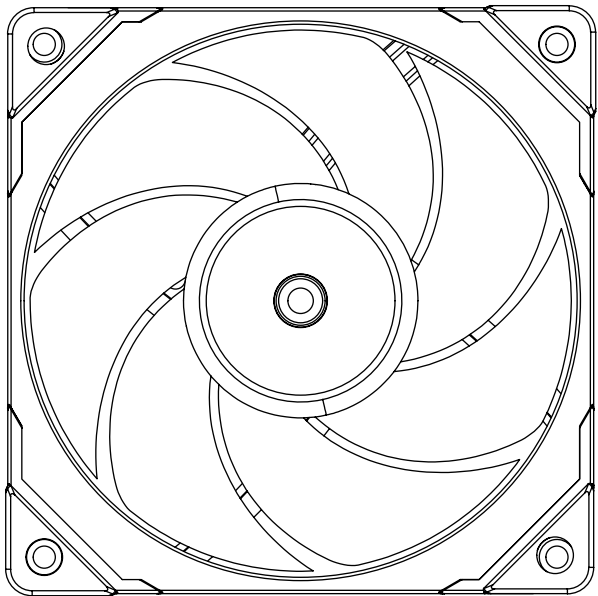
ACCESSORY BOX

1



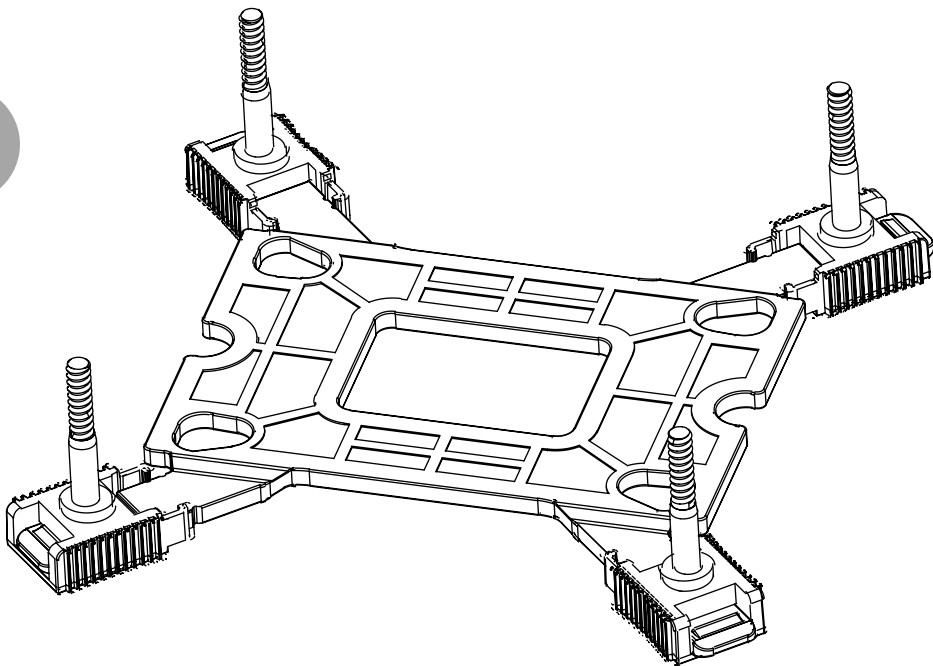
Radiator x1

2



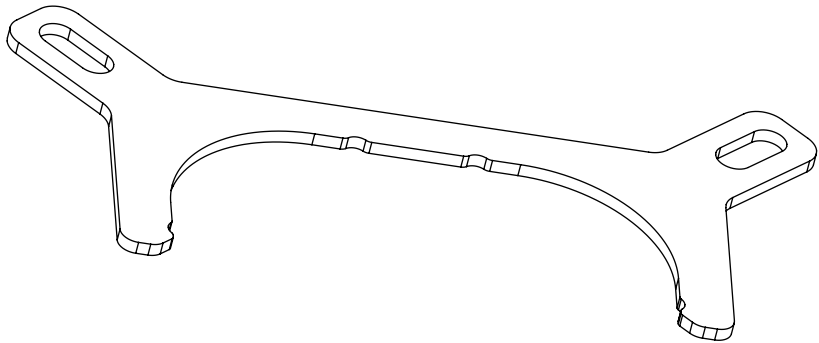
Fans
240 x2 360 x3

3



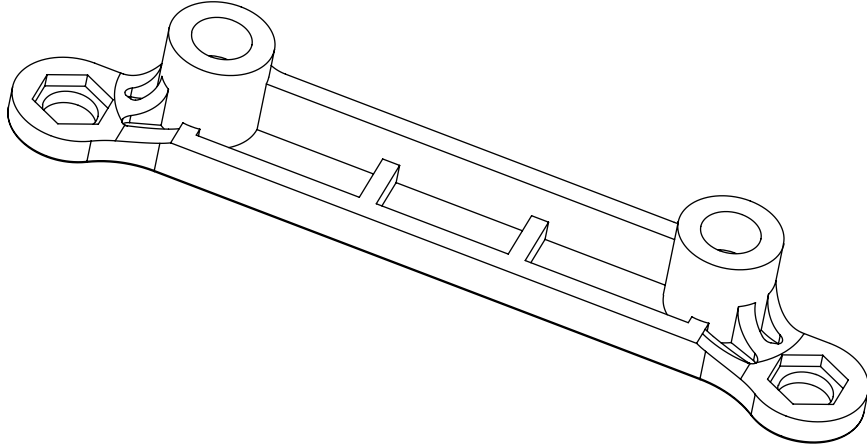
Intel 115X17XX
Installation
Backplate x1

4



Intel
Installation
Buckle x2

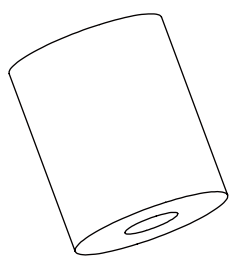
5



AMD
Installation
Buckle x2

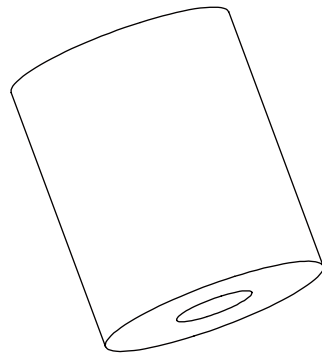
ACCESSORY BOX

6



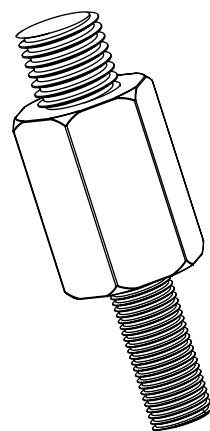
Intel 115X
Plastic
Sleeve **x4**

7



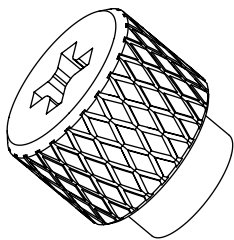
Intel 17XX
Plastic
Sleeve **x4**

8



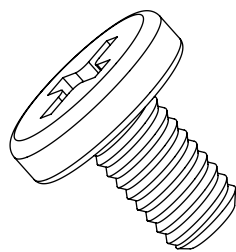
Intel 20XX
Installation
screws **x4**

9



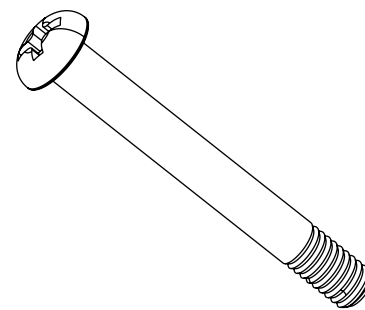
Installation Nuts **x4**

10



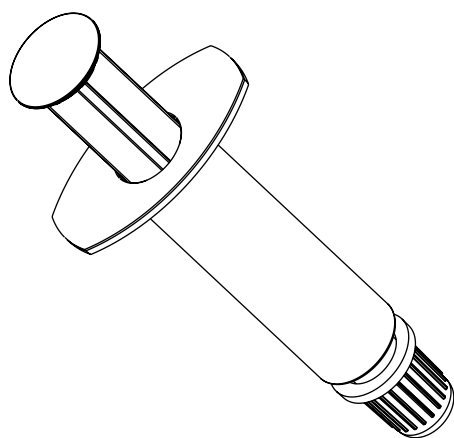
240
x8
360
x12
Cooling Row
Installation Screws

11



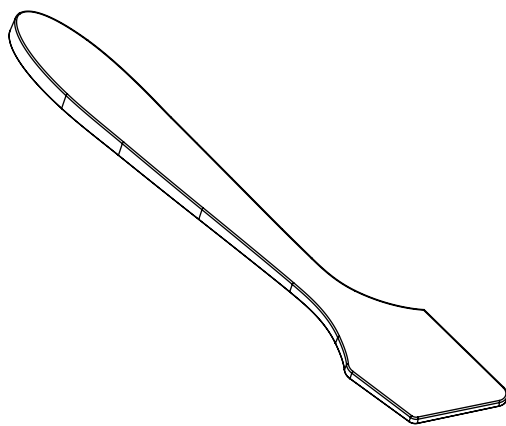
240
x8
360
x12
Fan Installation Screws

12



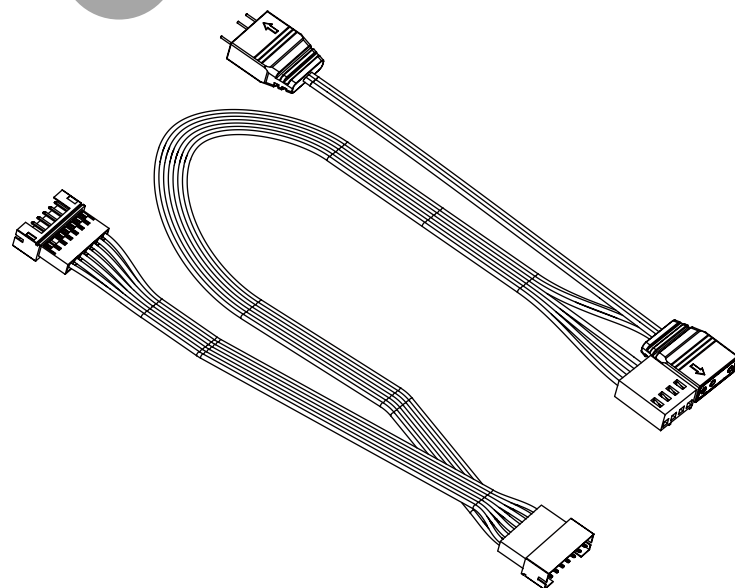
Thermal conductive
silicone grease **x1**

13

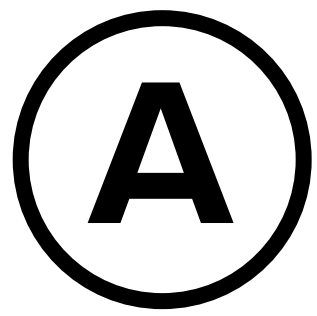


Spatula **x1**

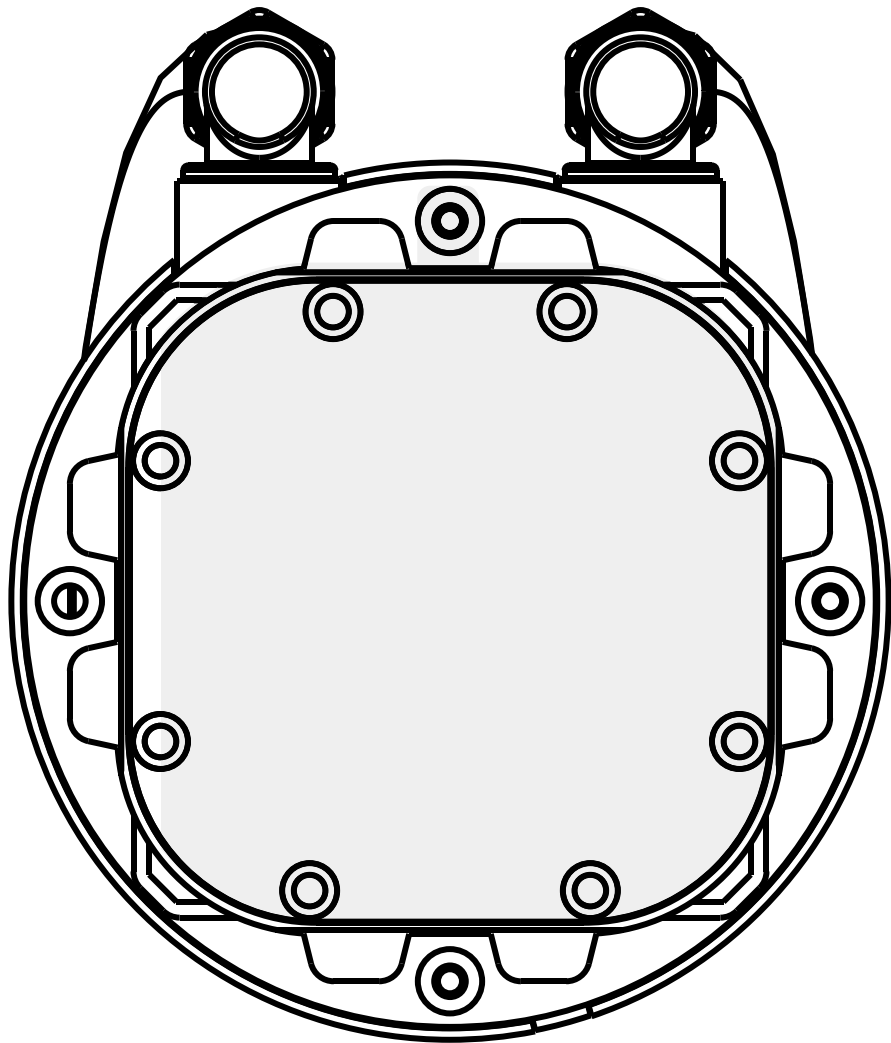
14



1-3 Fan transfer
cable 1-3 **x1**

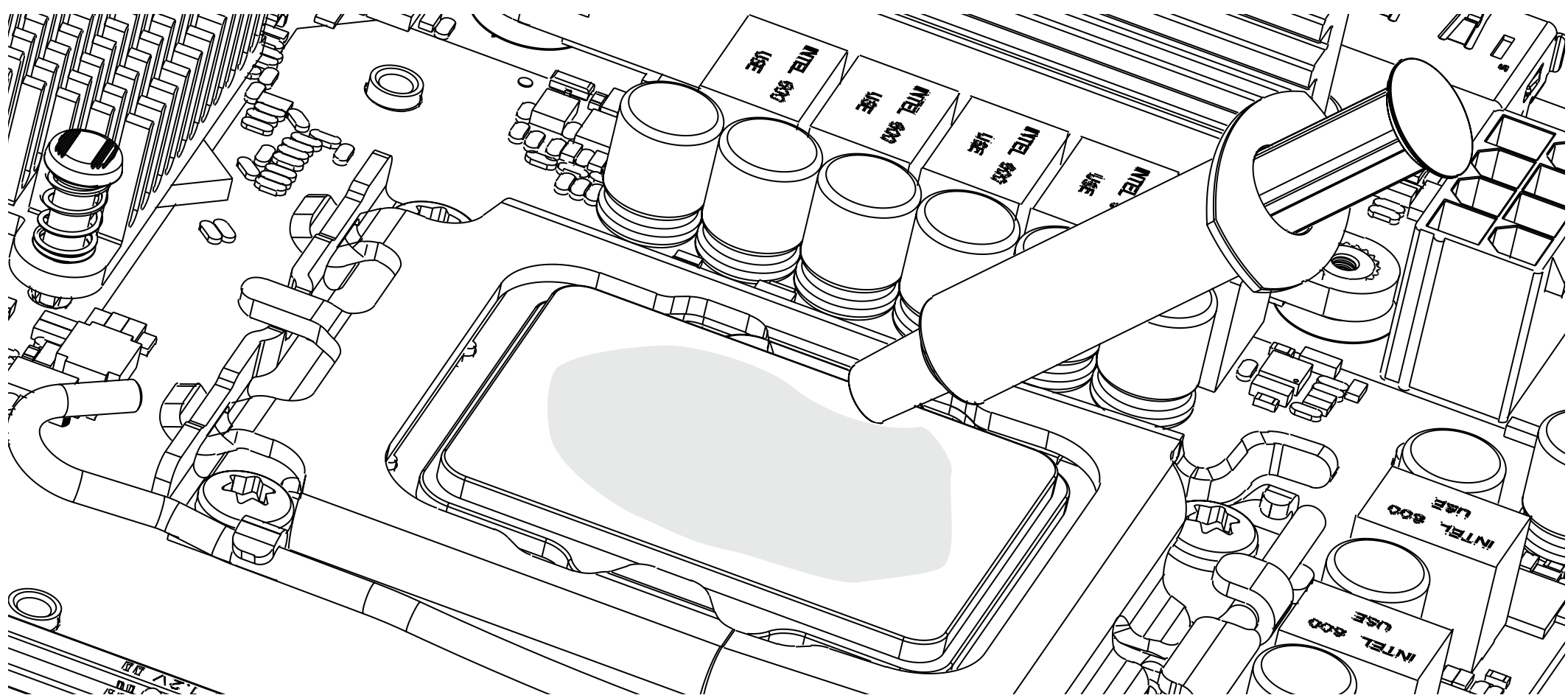


Apply the thermal grease



Remove the film

WARNING: Make sure to remove the protective film from the copper base before installation to prevent CPU overheating.



Apply the thermal grease

Apply an appropriate amount of thermal paste onto the center of the CPU surface. Use the provided spatula to spread the thermal paste evenly across the entire CPU spreader.

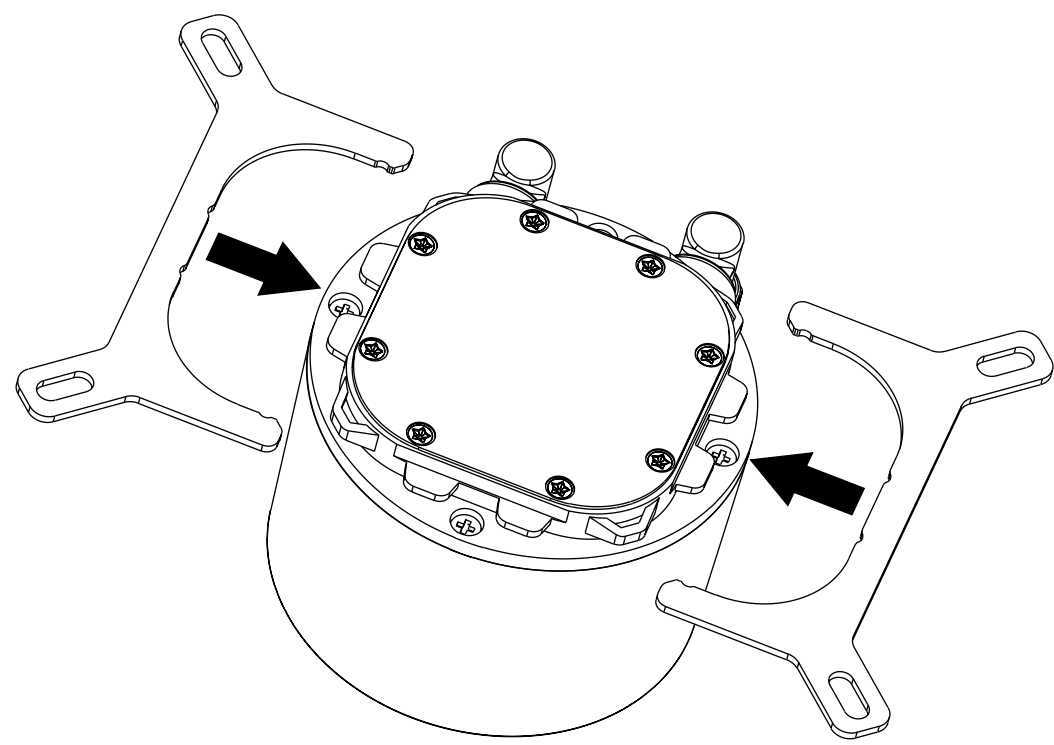
Tip: Ensure a thin and uniform layer for optimal thermal conductivity. Avoid applying too much paste to prevent spillover.

B1

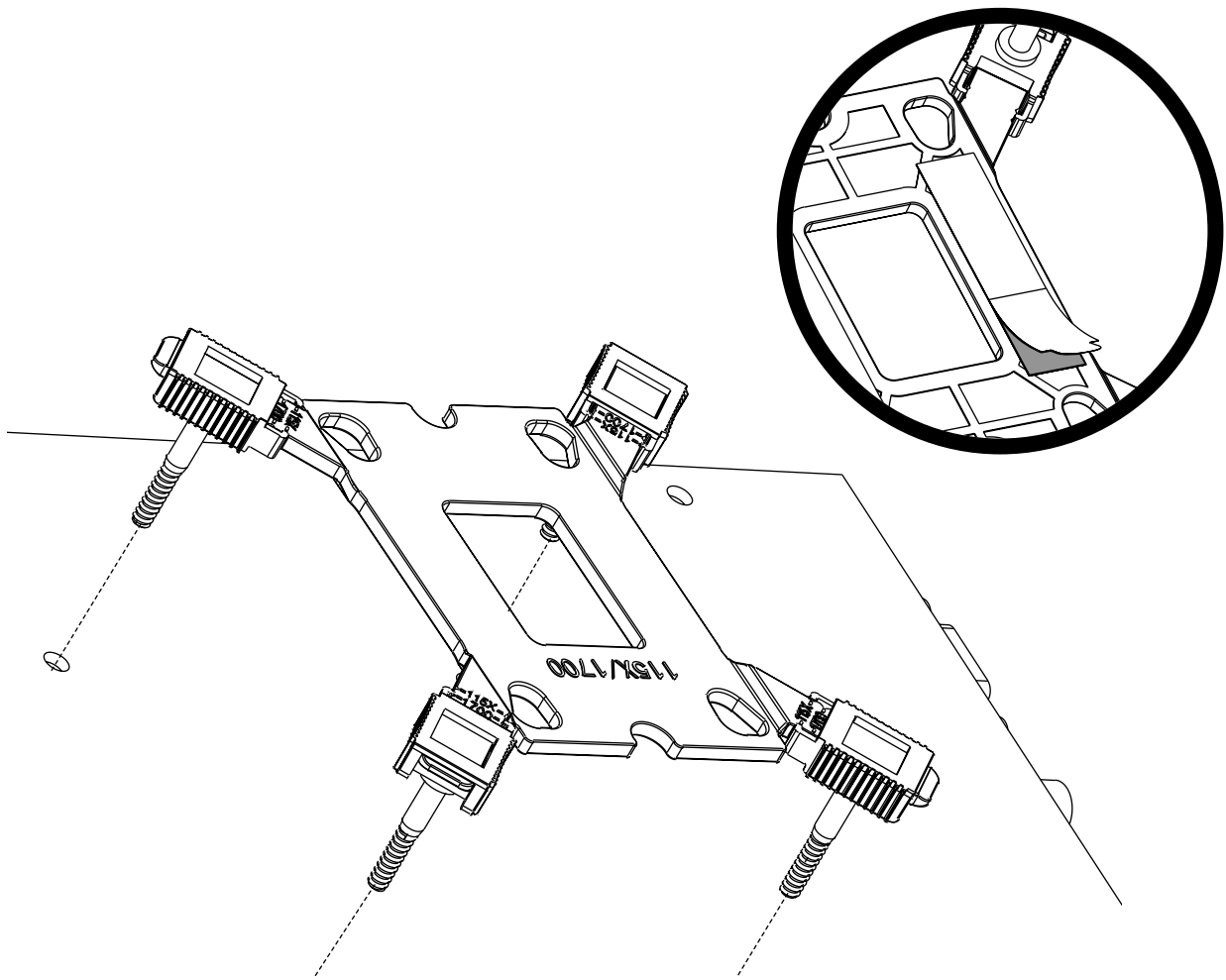
FOR INTEL 115X & 17XX

Water pump installation

Bracket & Backplate Setup



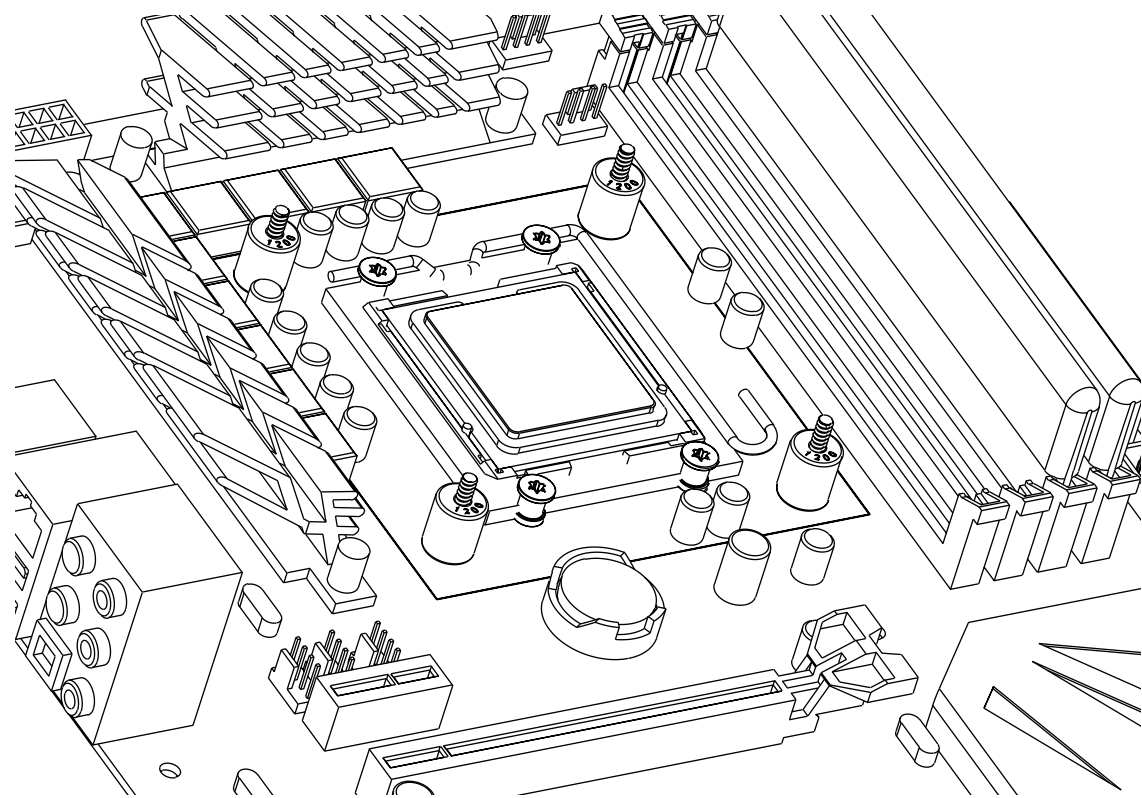
Align one corner of the Intel mounting bracket with the slot on the pump base, then push the other corner into place until securely fitted.



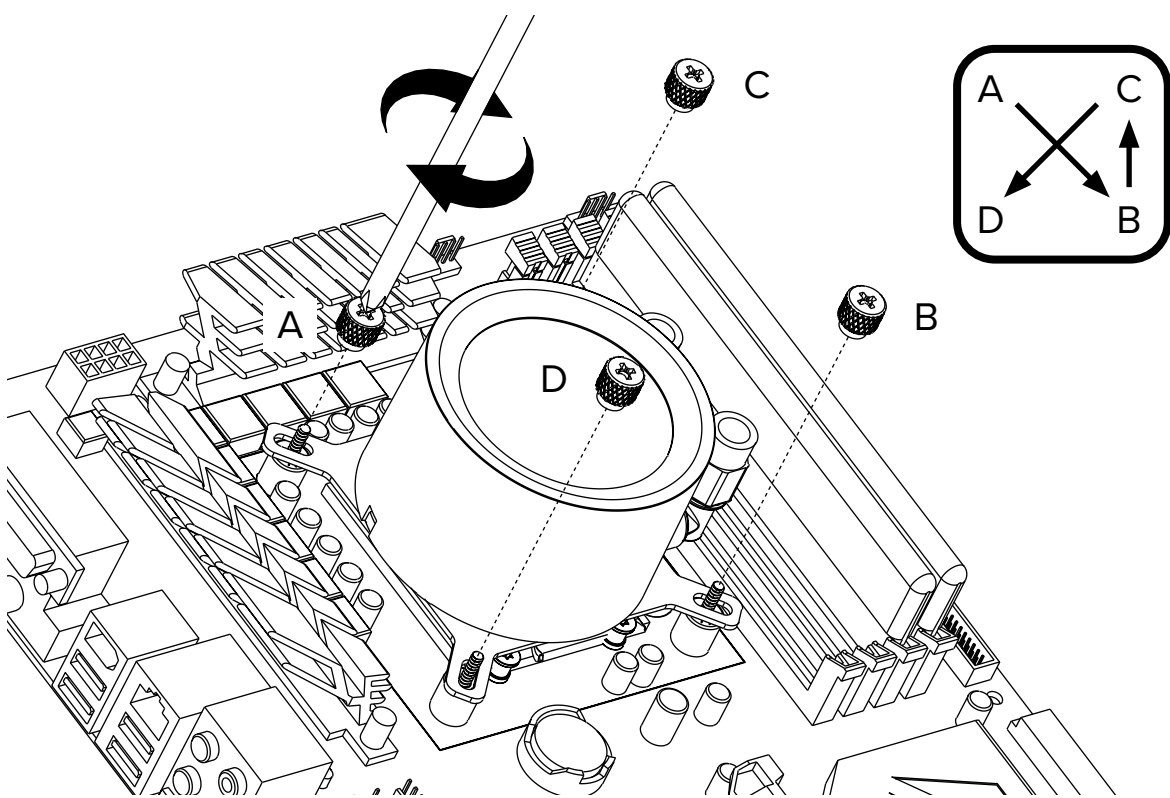
Adjust the backplate studs to match your motherboard's socket configuration, and insert the backplate studs through the 4 mounting holes from the back of the motherboard.

Tips: Peel off the double-sided adhesive protective film from the backplate before installation.

Standoff Installation & Mounting the Water Pump



Select the correct standoffs for your Intel socket (No. 6 for LGA 115X / No. 7 for LGA 17XX), and thread them onto the backplate studs.



Place the water pump onto the CPU, aligning its bracket holes with the standoffs.

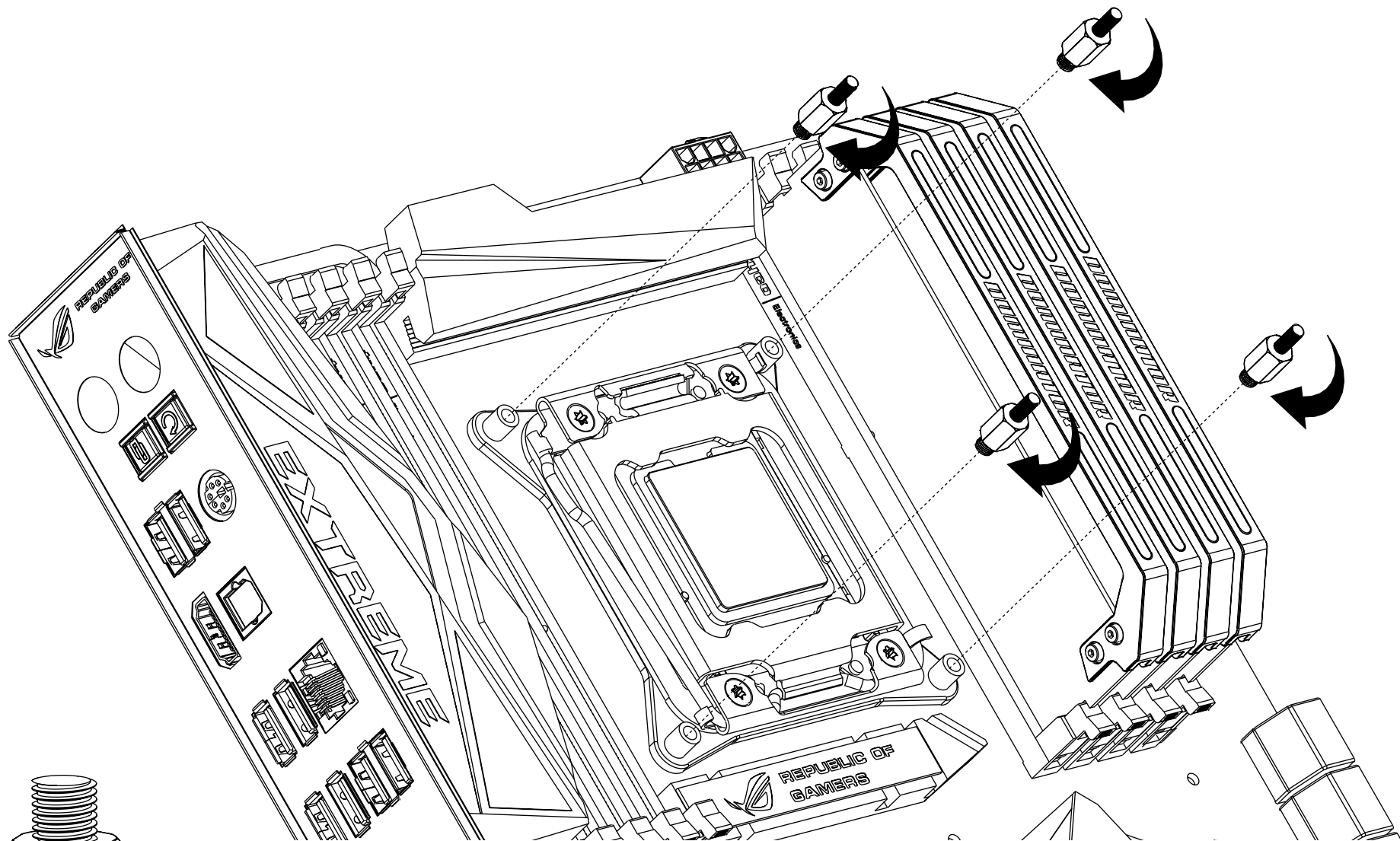
Thread the mounting nuts onto the studs and tighten them clockwise in a cross/diagonal pattern (A, B, C, D) to ensure even pressure.

Hand-tighten all nuts firmly until they cannot be turned further.

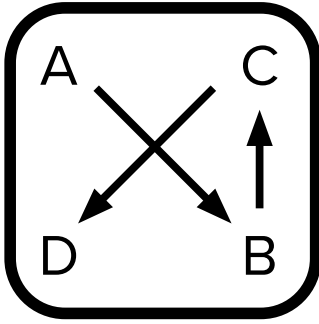
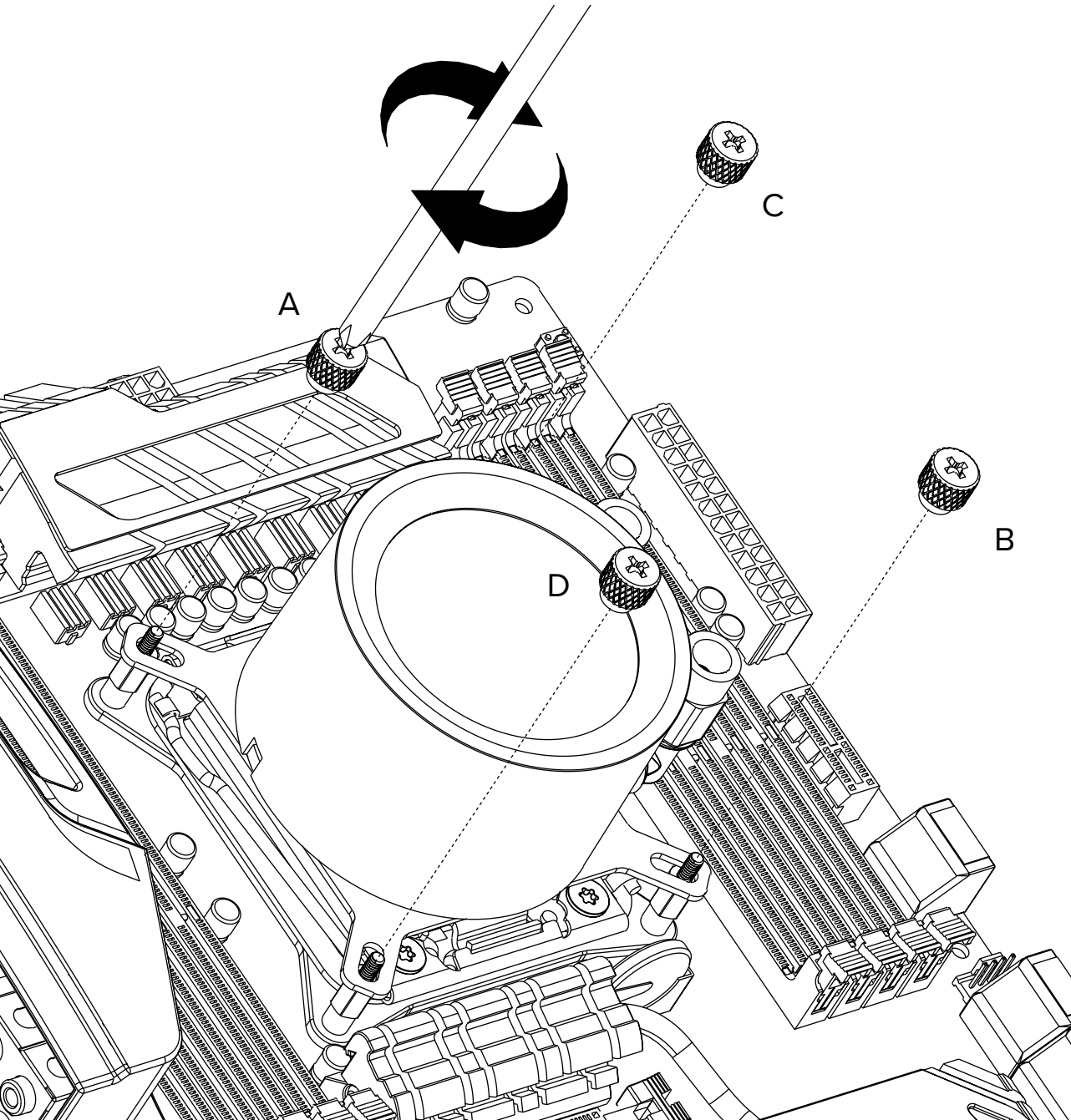
B2

FOR INTEL 20XX

Water pump installation



Thread the Intel 20XX mounting standoffs (No. 8) into the integrated screw holes on the motherboard socket and hand-tighten them until secure.



Place the water pump onto the CPU, aligning its bracket holes with the standoffs.

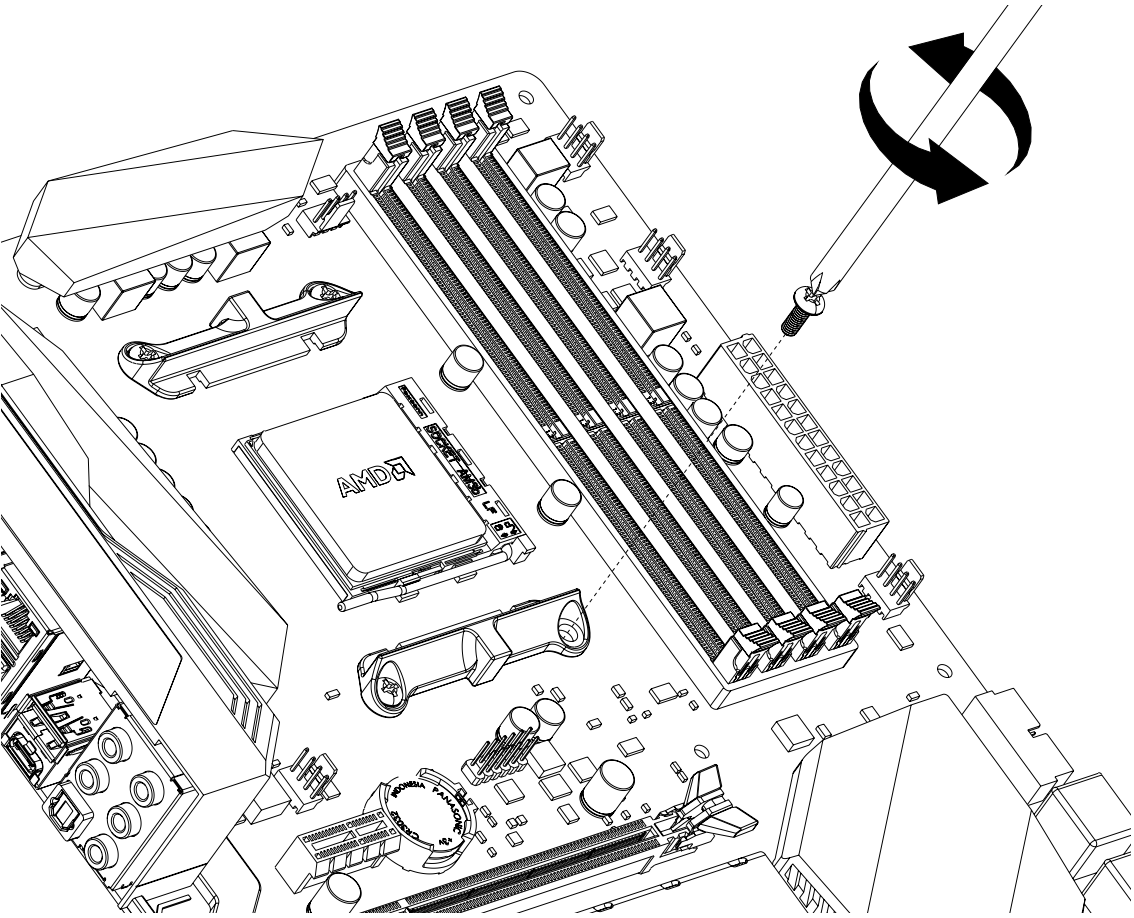
Thread the mounting nuts onto the studs and tighten them clockwise in a cross/diagonal pattern (A, B, C, D) to ensure even pressure.

Hand-tighten all nuts firmly until they cannot be turned further.

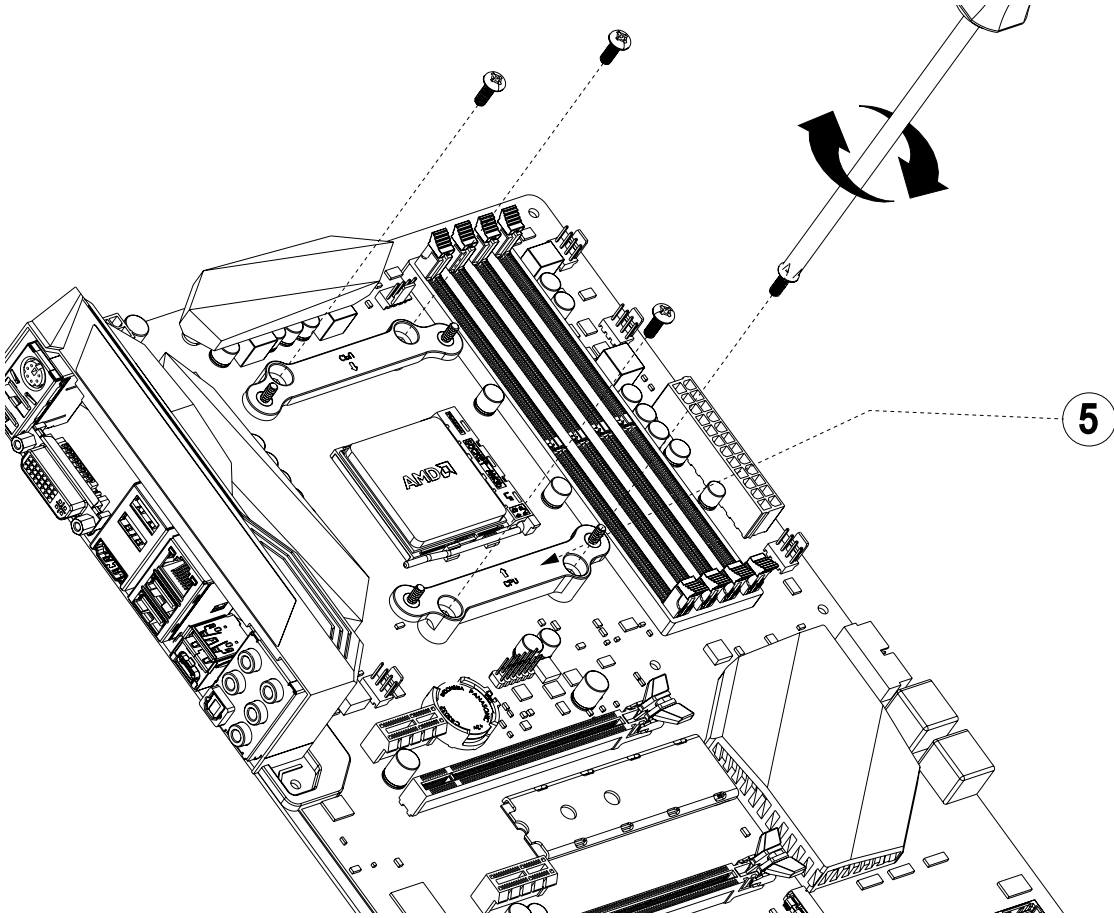


FOR AMD

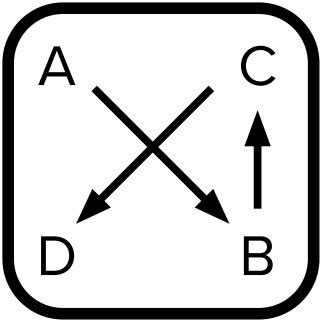
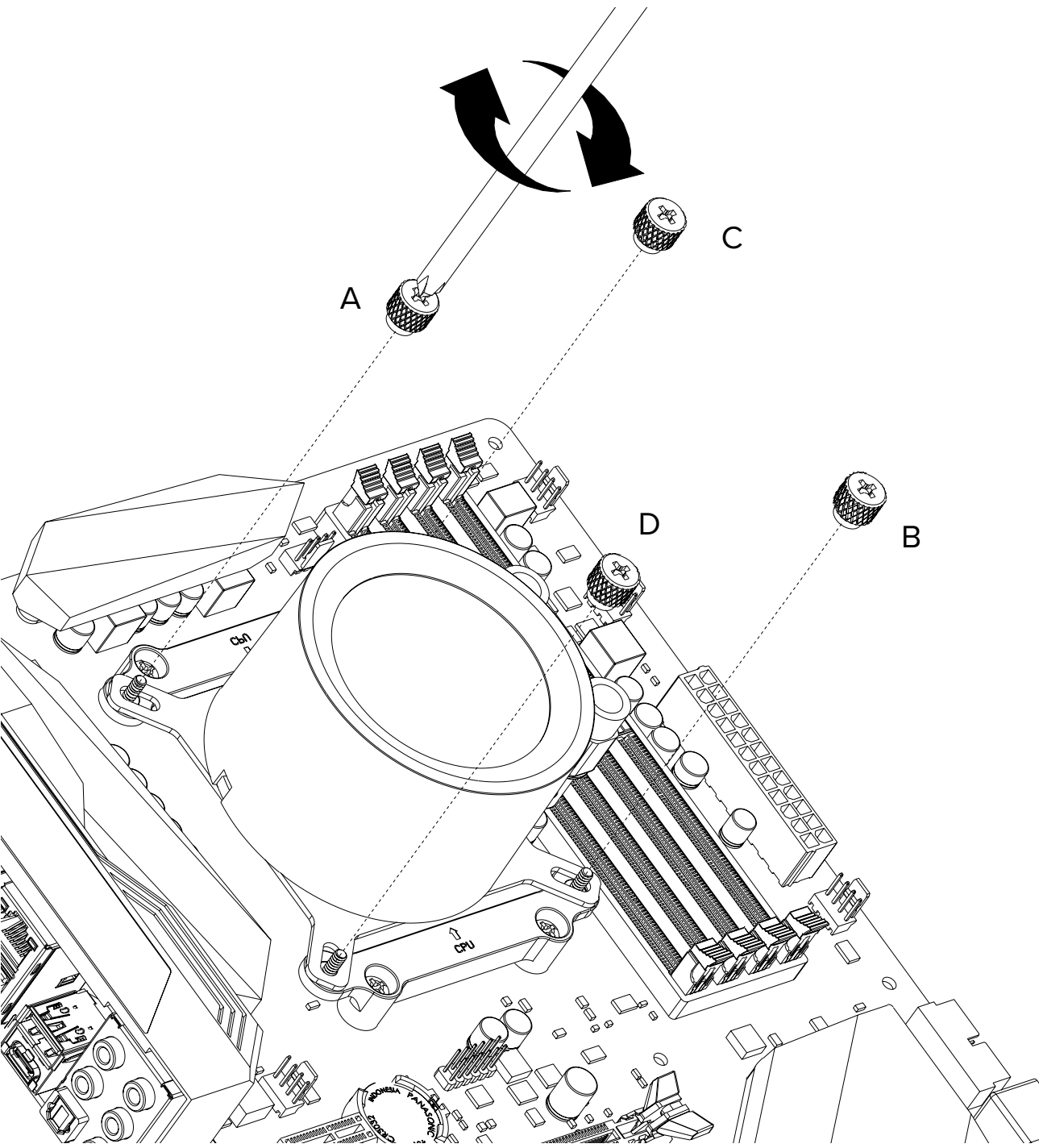
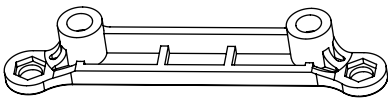
Water pump installation



Remove the original AMD plastic retention brackets from the motherboard, but keep the original screws and stock backplate in place.



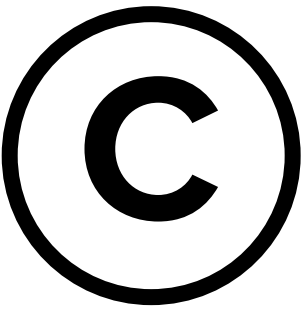
Attach the AMD mounting brackets onto the motherboard backplate using the original screws removed in the previous step.



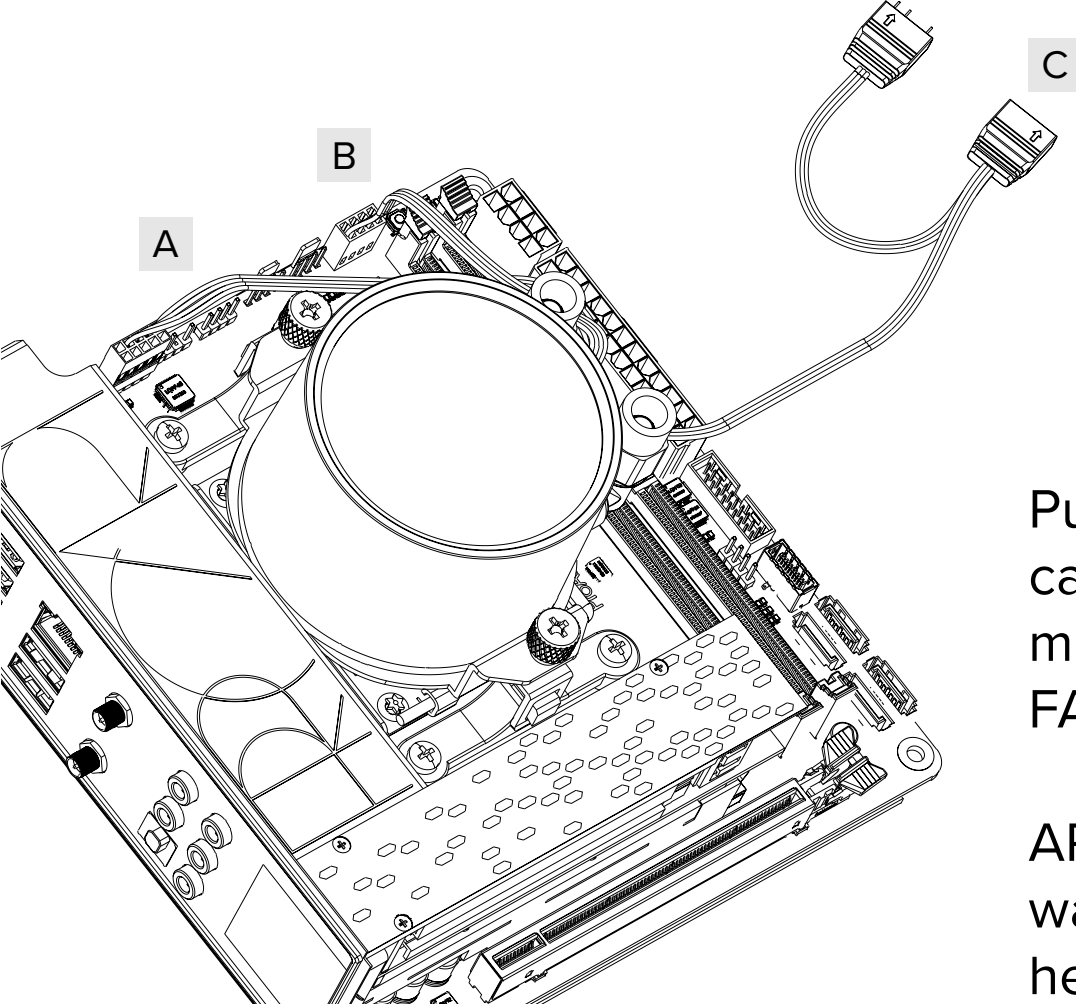
Place the water pump onto the CPU, aligning its bracket holes with the standoffs.

Thread the mounting nuts onto the studs and tighten them clockwise in a cross/diagonal pattern (A, B, C, D) to ensure even pressure.

Hand-tighten all nuts firmly until they cannot be turned further.



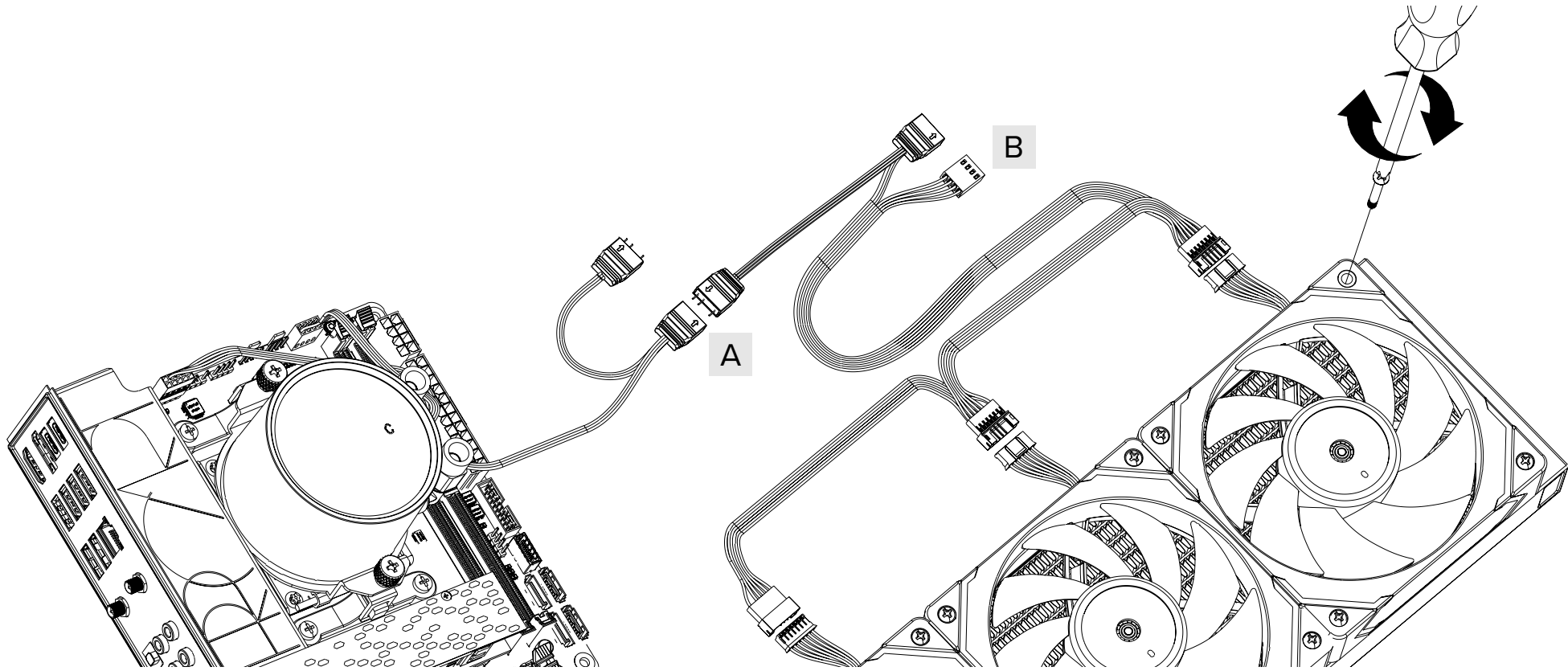
Cables Connecting



- A Read CPU temperature.
- B The water cooling cable is connected to the CPU FAN interface of the computer motherboard.
- C Access to the motherboard light synchronization interface.

Pump Power: Connect the water pump power cable to the CPU_OPT or PUMP header on the motherboard. (If not available, connect to the CPU_FAN header).

ARGB Lighting: Connect the ARGB cable from the water pump to the motherboard's 5V 3-pin ARGB header for lighting synchronization.

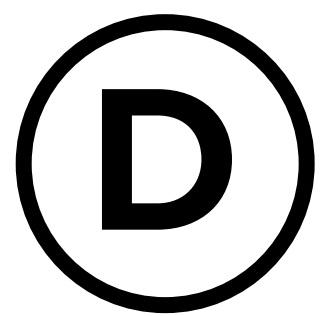


- A The light cable of the water pump is connected in series with the male and female head of the fan light cable.
- B Connect to the motherboard SYS FAN interface.

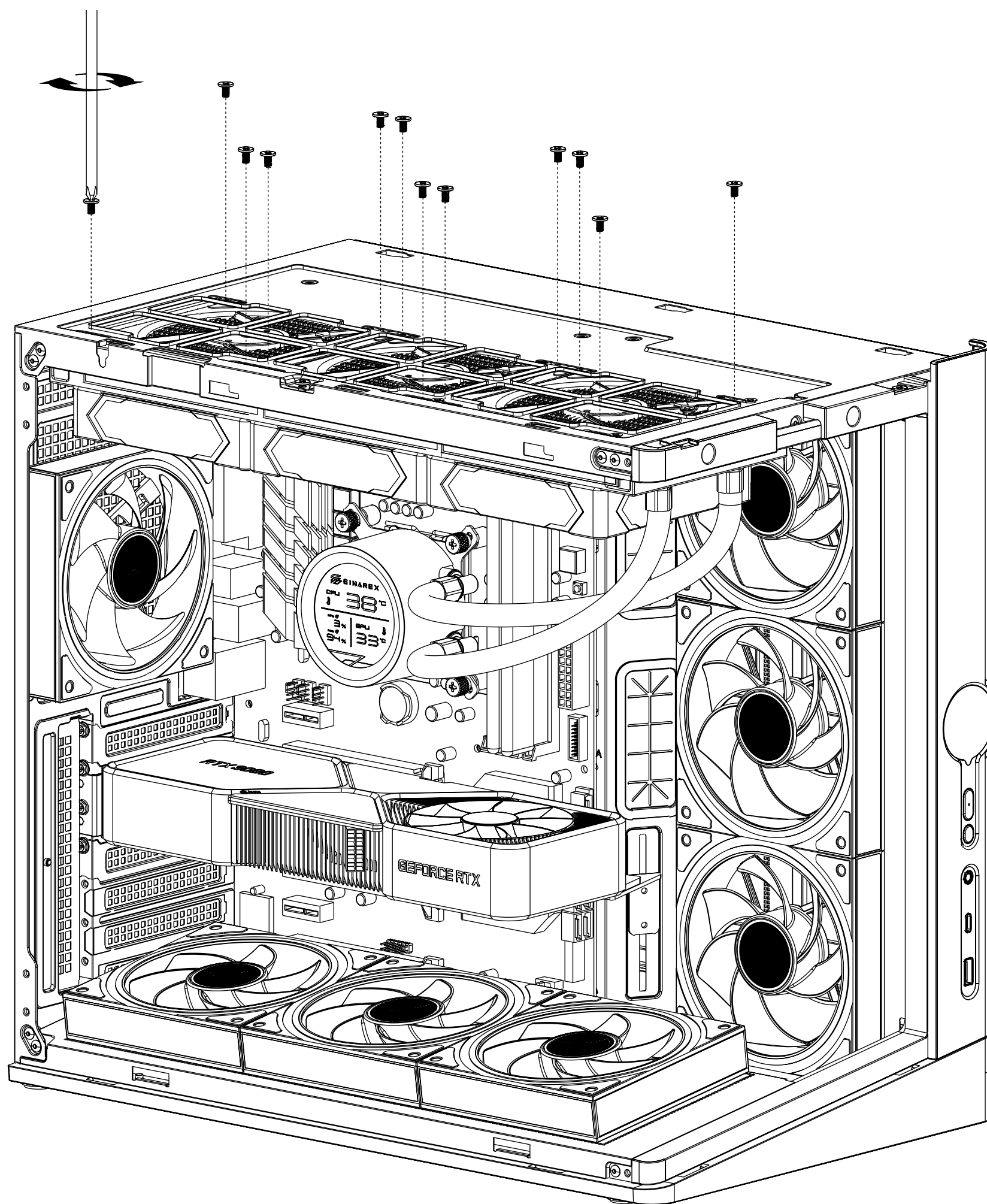
Mounting Fans: Secure the fans onto the radiator using the provided long screws. Tighten the screws in a cross/diagonal pattern to ensure even pressure and secure attachment.

Fan Power: Connect the radiator fans using the 1-to-2 (or 1-to-3) splitter cable, then plug the 4-pin connector into the motherboard's CPU_FAN or SYS_FAN header.

Lighting Series (Daisy-Chain): Connect the ARGB light cable of the water pump in series with the fan ARGB cables (using male and female connectors), then connect the main header to the motherboard to sync ARGB lighting effects.



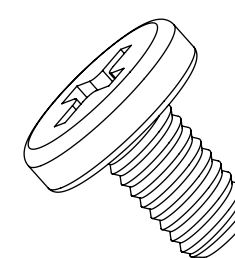
Radiator Installation



Secure the radiator to your PC case using the No. 10 screws.

Tighten the screws in a cross/diagonal pattern to ensure the radiator is mounted evenly and securely.

Double-check all cable connections and mounting screws.
Your liquid cooler installation is now complete!



Compliance with the EU General Product Safety Regulation (GPSR)

In accordance with the new General Product Safety Regulation (GPSR), which ensures the safety and quality of products in the European market, we provide the following detailed information for transparency and compliance with EU requirements for our customers and partners:

Product Identification and traceability:

- Product Name: [Full product name]
- Model or Reference Code: [Product model or reference code]
- Batch or Serial Number: [Batch or serial number for traceability]
- Intended Use: [Brief description of the product's intended use]

User Instructions and Warnings:

To ensure safe and proper use of the product, a detailed User Manual is provided as QR code for digital access (ensuring up-to-date information) including:

- Assembly, installation, and operation instructions.
- Maintenance and cleaning guidelines.
- Specific warnings regarding risks (e.g., electrical hazards, improper use, etc.).
- Safe disposal instructions, in compliance with environmental regulations.

Declaration of Safety and Compliance:

This product has been developed and manufactured following the highest safety and quality standards. It complies with the provisions of the GPSR 2023/988, including risk assessments, traceability measures, and conformity to the general safety requirements set by the European Union.

Important Note: This product has been assessed for compliance with all relevant safety standards under GPSR 2023/988. By following the provided instructions and warnings, consumers can ensure safe and proper use of the product.

Product Identification and traceability:

Name (Registered trade name or registered Trademark)	EINAREX TECHNOLOGY CO., LIMITED
Address	Flat/Room 1101D, 11/F, Lippo Sun Plaza,28 Canton Road
Postal code	999077
City/State/Province	Tsim Sha Tsui, Kowloon
Country	Hong Kong
Country of origin (of the products)	China

This product has been developed and manufactured following the highest safety and quality standards. It complies with the provisions of the GPSR 2023/988, including risk assessments, traceability measures, and conformity to the general safety requirements set by the European Union.

Name (Registered trade name or registered Trademark)	Rafael Jurado Rodriguez
Address	Camino de Gojar,8
Postal code	18151
City/State/Province	Ogijares, Granada
Country	Spain

Contact Information:

For inquiries related to the safety or quality of this product, please contact:

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Email:	info@einarex.com
Website:	www.einarex.com

Authorized representative support (if applicable)

Phone:	+34 651 866 466
Email:	rafa@einarex.com



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ORBIT

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