



HYDRUS RGB

RGB WATER COOLER

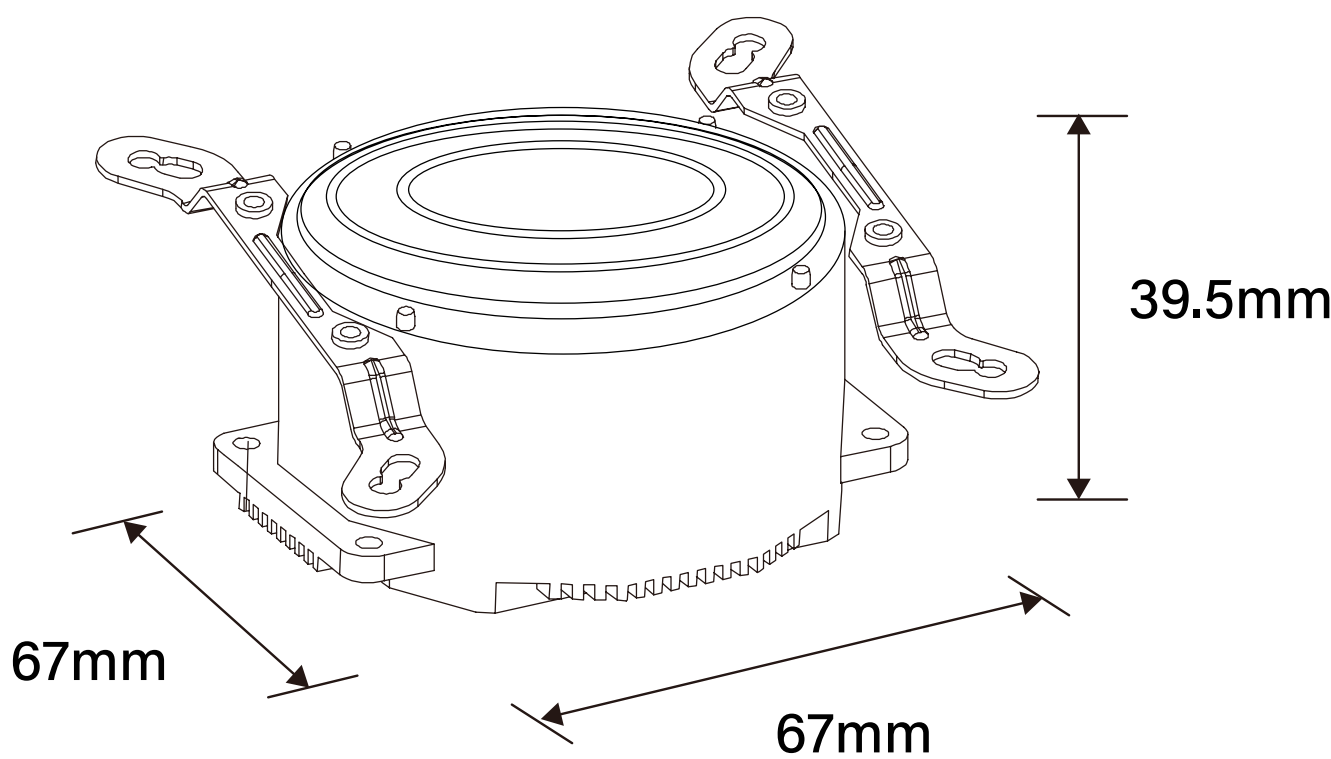
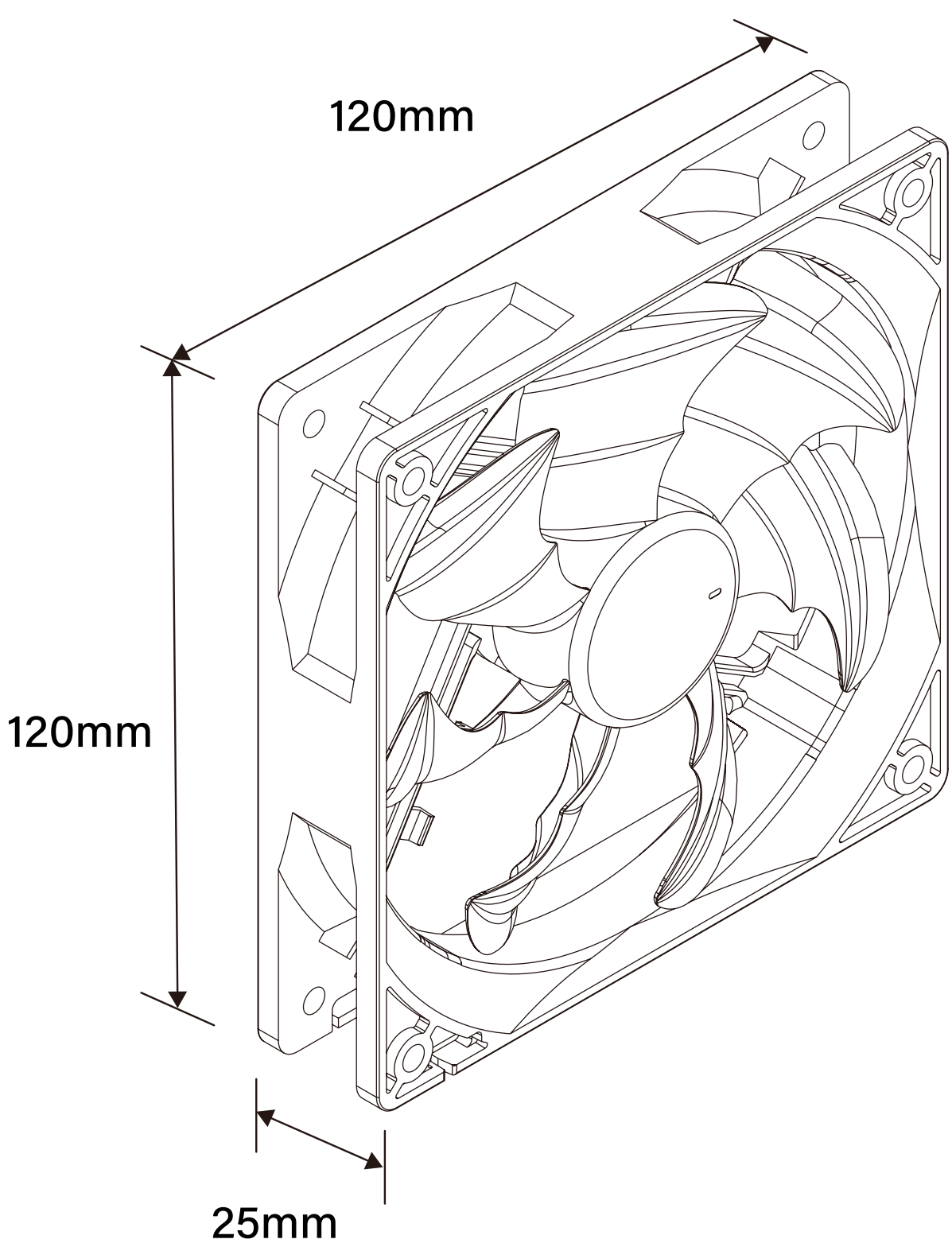
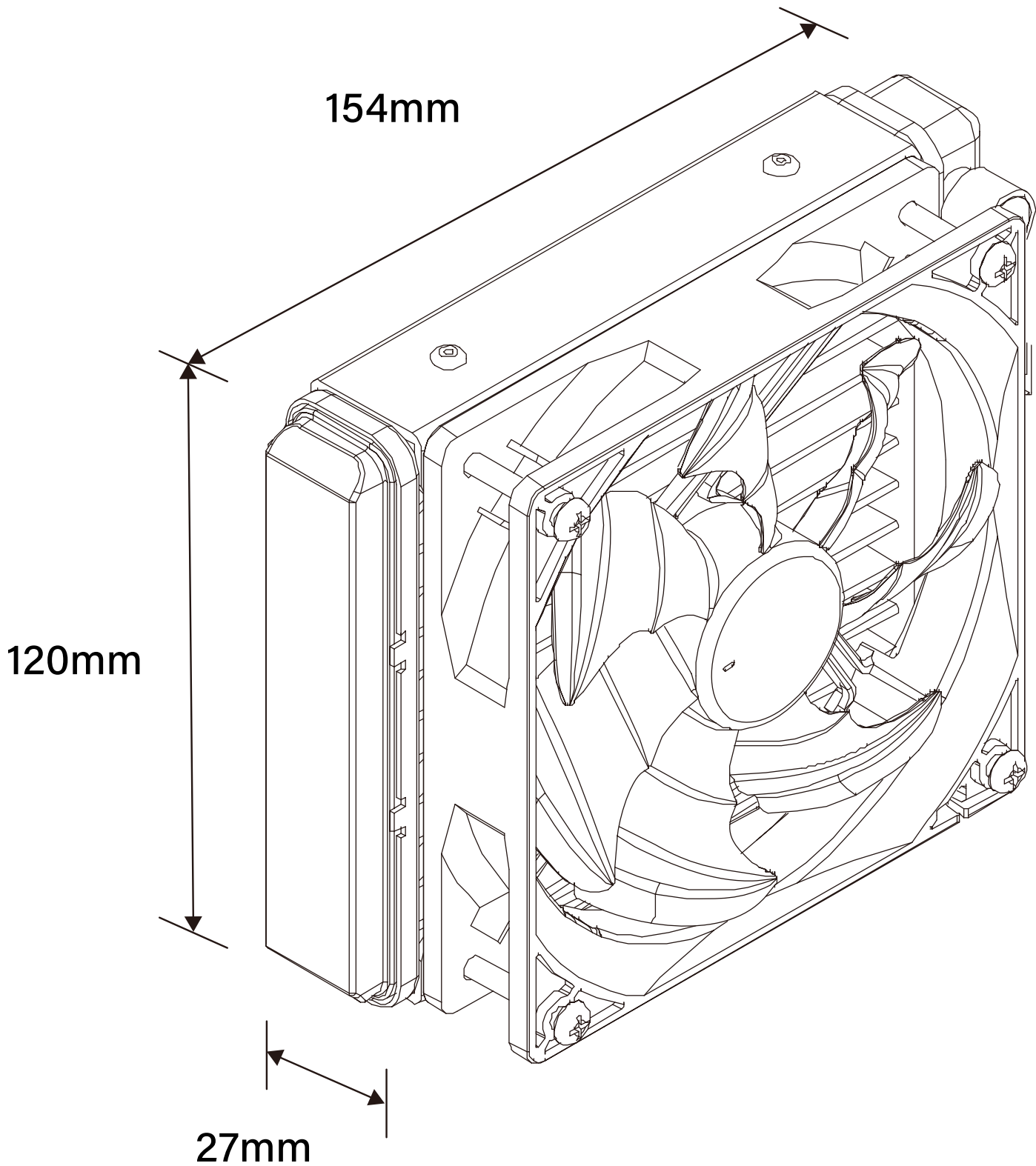
INSTRUCTIONS MANUAL
MANUAL DE INSTRUCCIONES

TECHNICAL SPECIFICATIONS

ESPECIFICACIONES TÉCNICAS

MODEL	Hydrus RGB 120
SUPPORTS	Intel-LGA→1150/1151/1155/1156/1366/1200/2011/2011-3/2066
	AMD → AM3/AM3+/AM4
RGB	FAN → Auto RGB / 6pin A-RGB Sync
	PUMP → White LED
WEIGHT	1,27Kg
FANS	
DIMENSION	120mm x 120mm x 25mm (x2)
SPEED / NOISE LEVEL	800-1800 RPM ± 10% / 32 dBA ± 10%
AIRFLOW / STATIC PRESSURE	65 CFM ± 10% / 2,3mmH ₂ O ±10%
PWM CONTROL	Yes
RADIATOR	
DIMENSION	154mm x 120mm x 27mm
MATERIAL / TUBING LENGHT	Aluminium / 300mm
PUMP	
DIMENSION	67mm x 67mm x 39,5mm
PLATE MATERIAL	Copper
SPEED / NOISE LEVEL	2800 RPM ± 10% / 30 dBA ± 10%
TDP max	170W

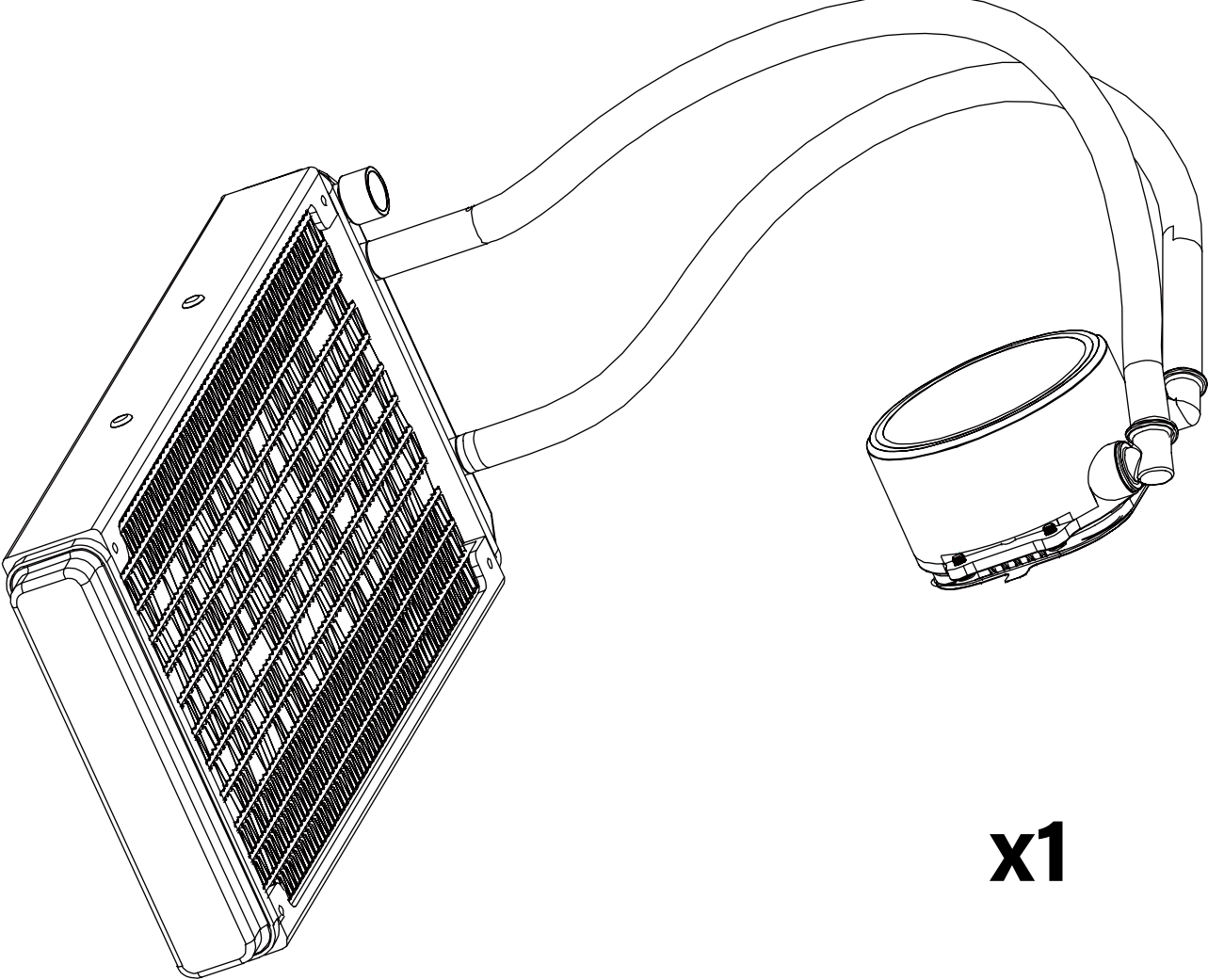
MODELO	Hydrus RGB 120
COMPATIBLE	Intel-LGA→1150/1151/1155/1156/1366/1200/2011/2011-3/2066
	AMD → AM3/AM3+/AM4
RGB	VENTILADOR→ Auto RGB / 6pin A-RGB Sync
	BOMBA → LED Blanco
PESO	1,27Kg
VENTILADORES	
TAMAÑO	120mm x 120mm x 25mm (x2)
VELOCIDAD / NIVEL DE RUIDO	800-1800 RPM ± 10% / 32 dBA ± 10%
VOLUMEN DE AIRE / PRESIÓN ESTÁTICA	65 CFM ± 10% / 2,3mmH ₂ O ±10%
CONTROL PWM	Si
RADIADOR	
TAMAÑO	154mm x 120mm x 27mm
MATERIAL / LARGO TUBOS	Aluminio / 300mm
BOMBA	
TAMAÑO	67mm x 67mm x 39,5mm
MATERIAL PLACA	Cobre
VELOCIDAD / NIVEL DE RUIDO	2800 RPM ± 10% / 30 dBA ± 10%
TDP max	170W



ACCESSORY BAG

ACCESORIOS PARA INSTALACION

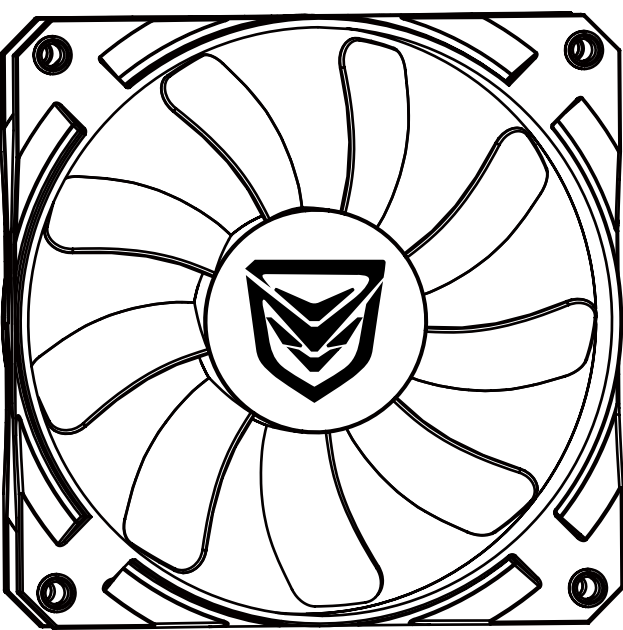
A



x1

Water-cooled body
Refrigeración líquida

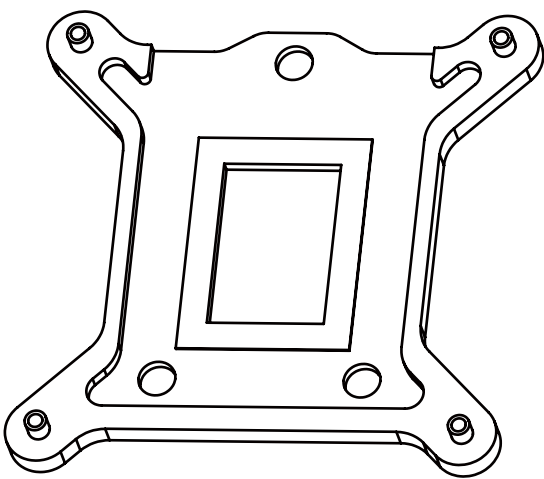
B



x2

Radiator fans
Ventiladores del radiador

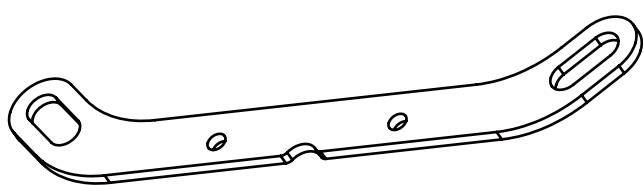
C



x1

Backplate for intel
Placa trasera placa base Intel

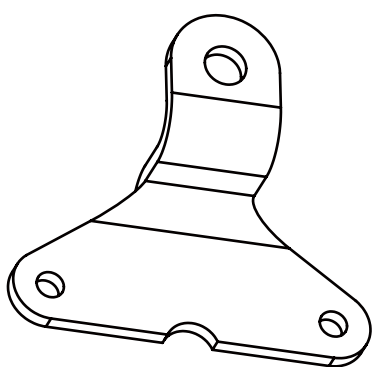
D



x2

Intel socket brackets
Sujeción para Intel

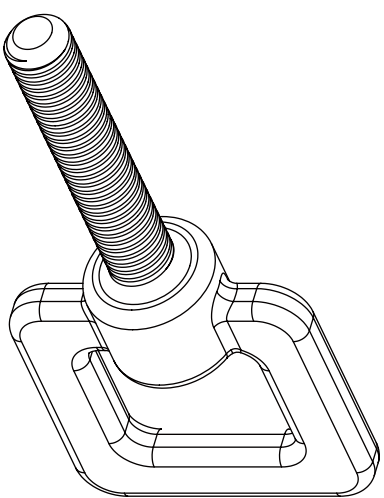
E



x2

AMD Socket bracket
Sujeción para AMD

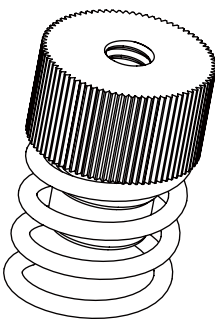
F



x2

AMD fastening screws
Apoyos sujeción para AMD

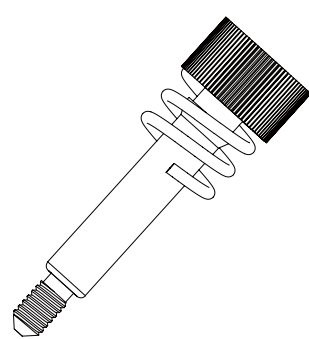
G



x2

AMD Mount screws
Tornillos montaje para AMD

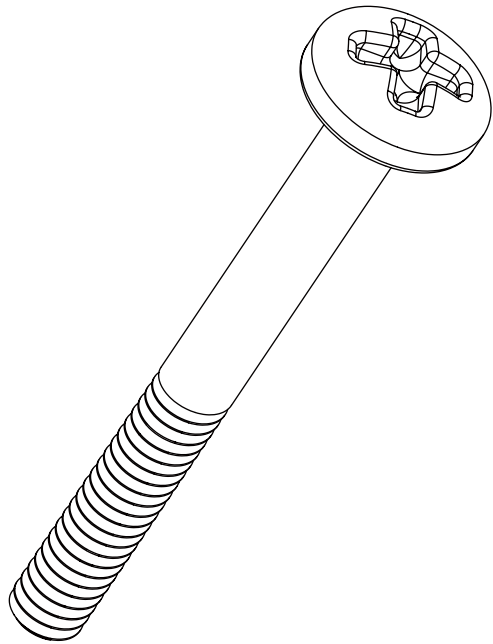
H



x4

Screws
Tornillos

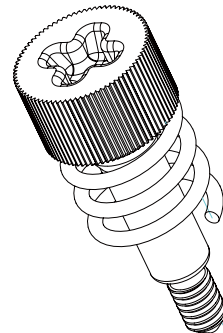
J



x8

Fan screws
Tornillos para ventilador

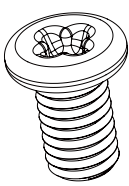
I



x4

Screws
Tornillos

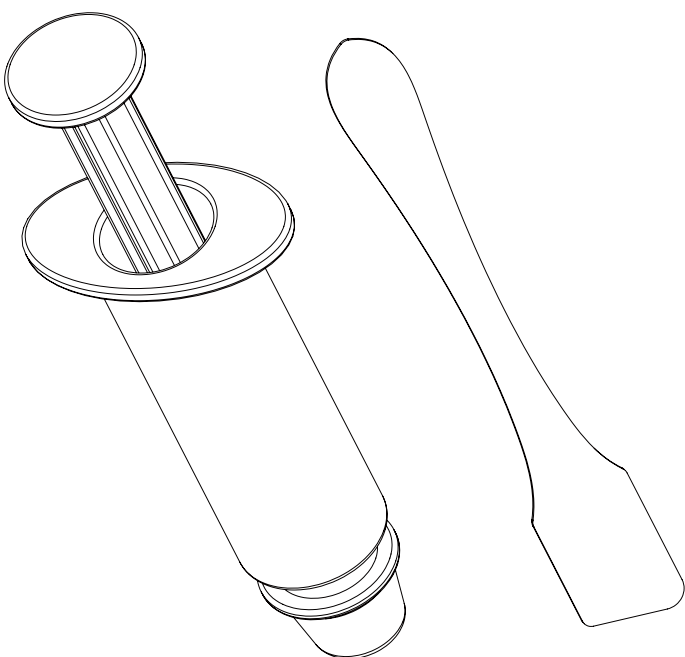
K



x4

Mounting screws
Tornillos sujeción

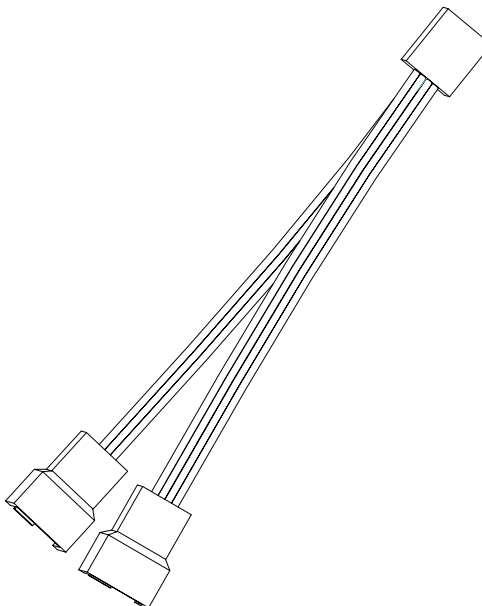
M



x1

Thermal paste
Pasta térmica

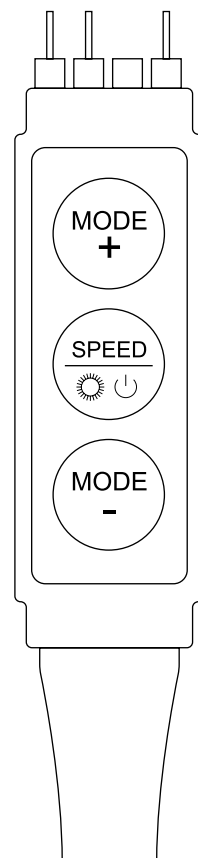
N



x1

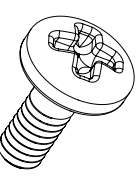
Y Fan power cable
Cable de alimentación para ventiladores en Y

O



Mini A-RGB Controller hub
Mini controladora A-RGB

L



x8

Radiator Screws
Tornillos para radiador

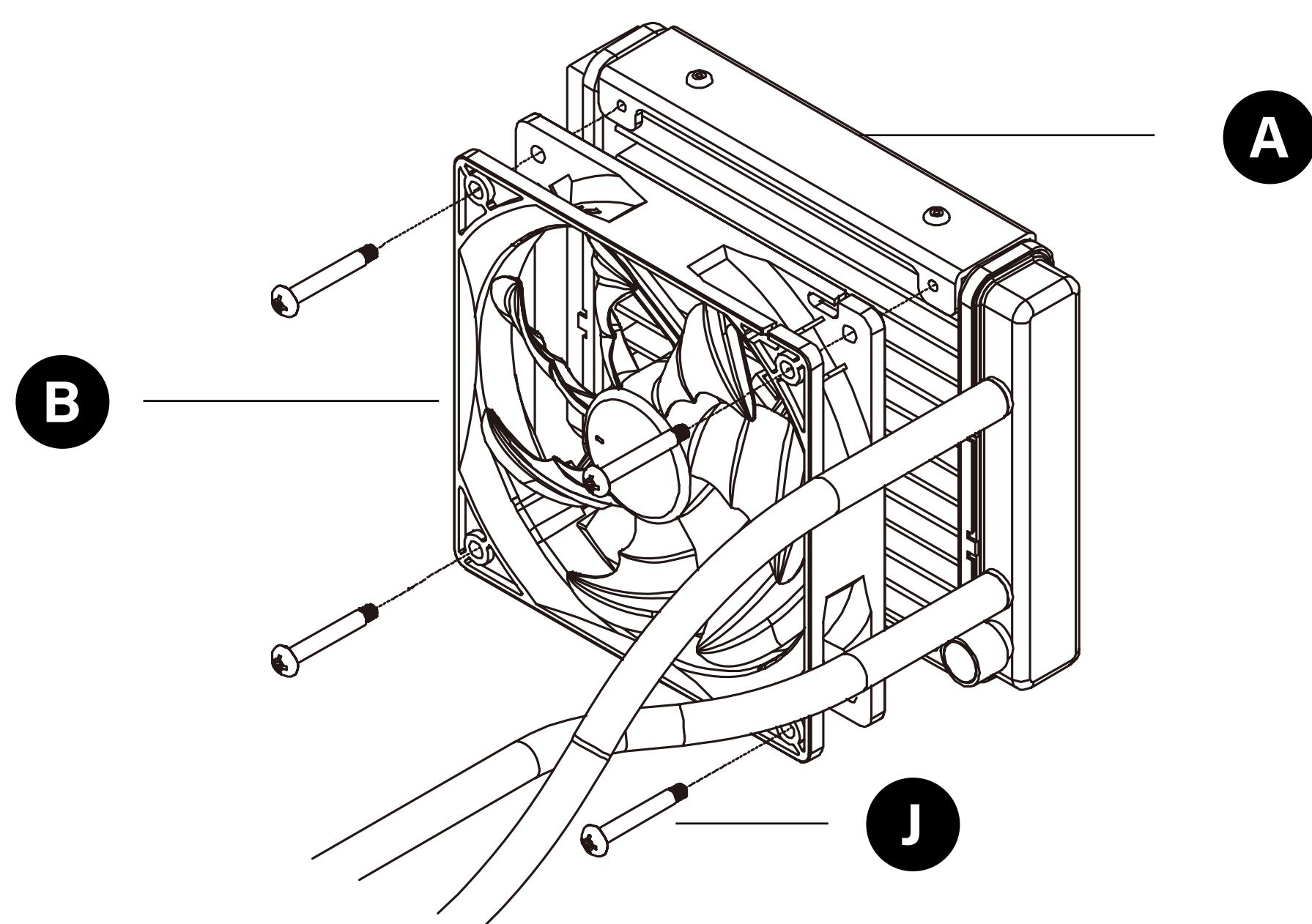
BASIC INSTALLATION

INSTALACIÓN BÁSICA

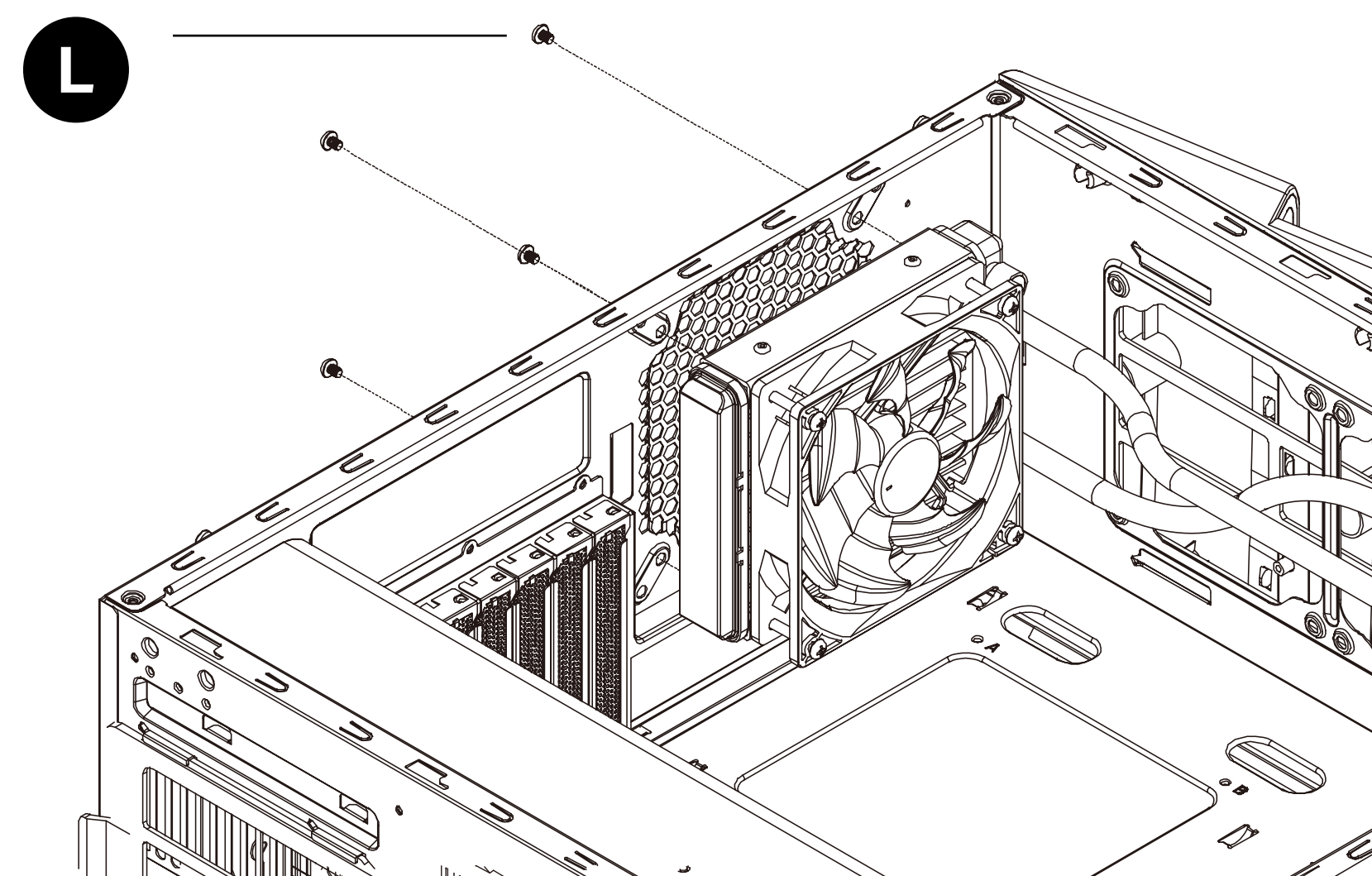
1

RADIATOR INSTALLATION

INSTALACIÓN DEL RADIADOR



Install the fans to the radiator using the fan screws.
Instala los ventiladores al radiador usando los tornillos para ventilador.

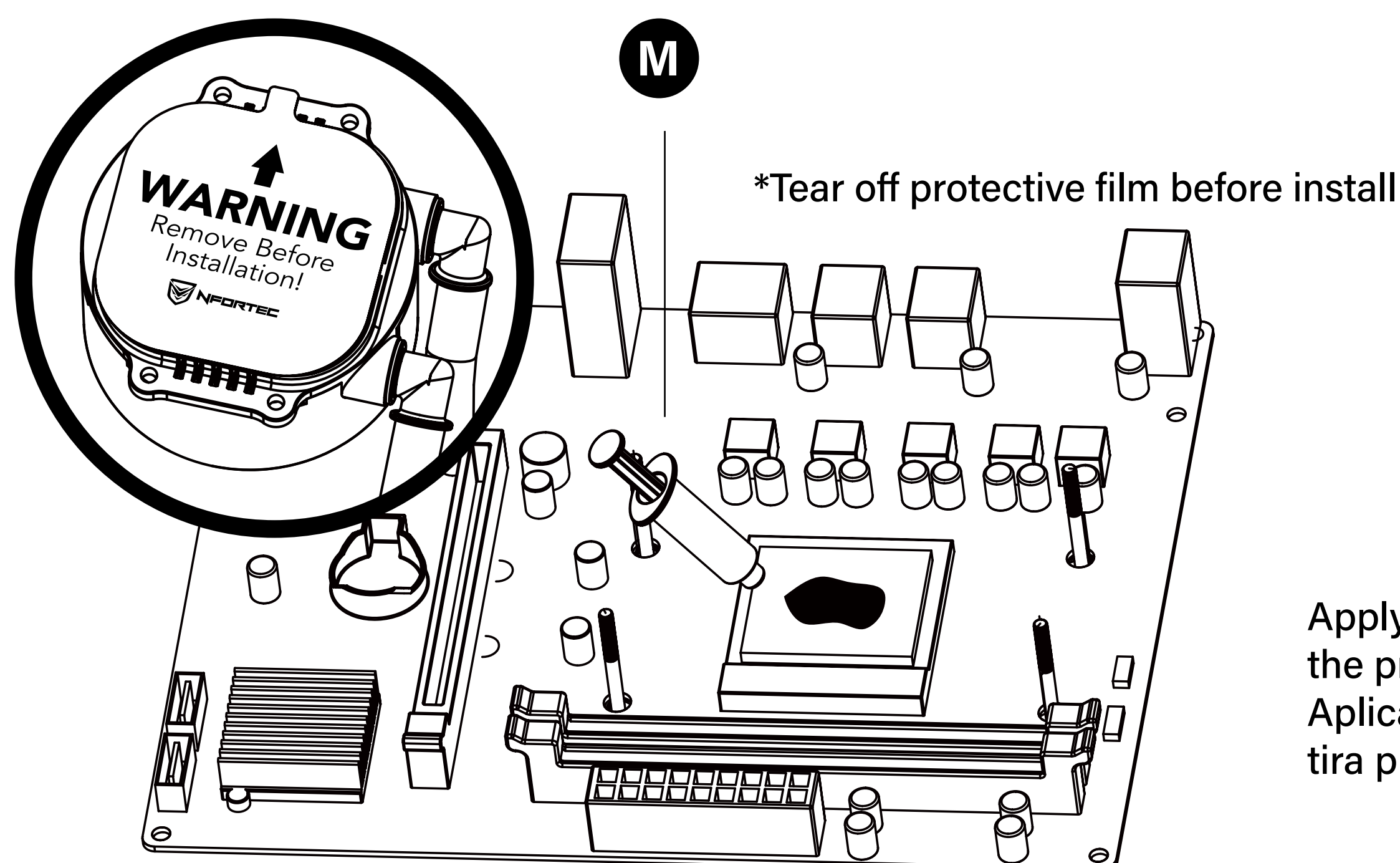


Mount the radiator to the chassis in the desired position using the radiator screws.
Monta el radiador al chasis en la posición deseada usando los tornillos para radiador.

2

THERMAL GREASE INSTALLATION

APLICACIÓN DE PASTA TÉRMICA



Apply the thermal paste on the processor and remove the protective strip from the pump before installation.
Aplica la pasta térmica sobre el procesador y retira la tira protectora de la bomba antes de instalarlo.

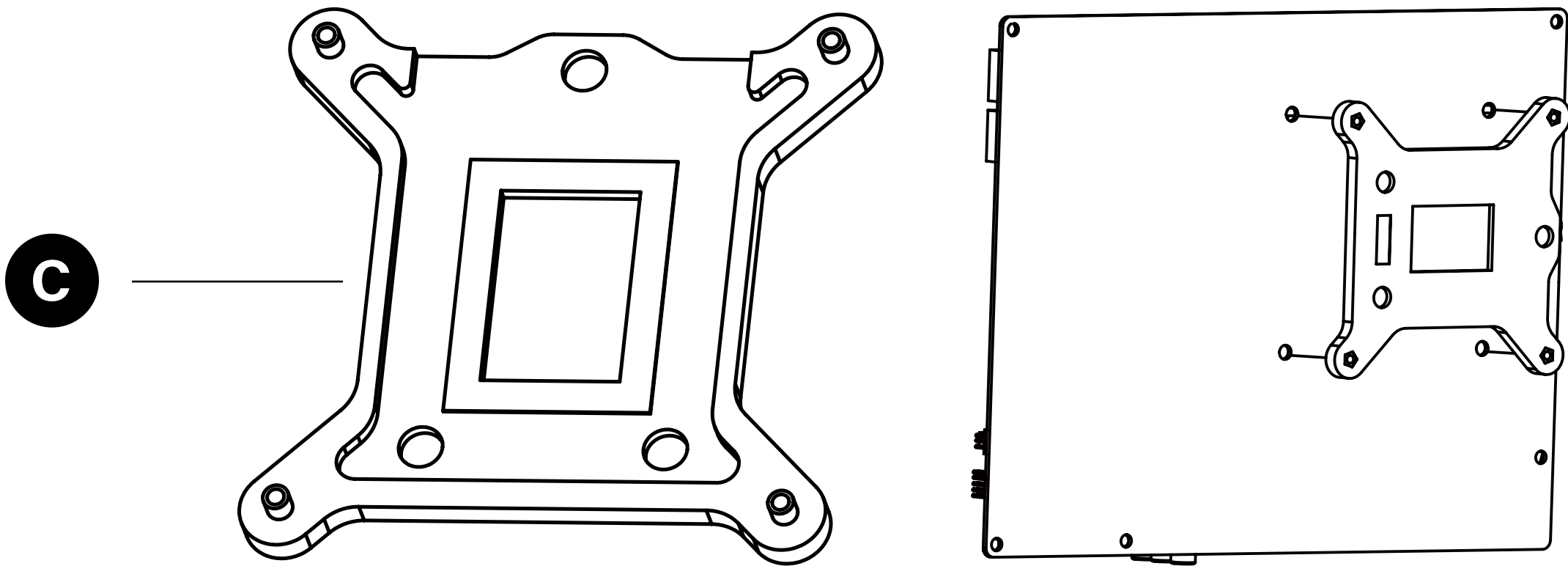
BASIC INSTALLATION

INSTALACIÓN BÁSICA

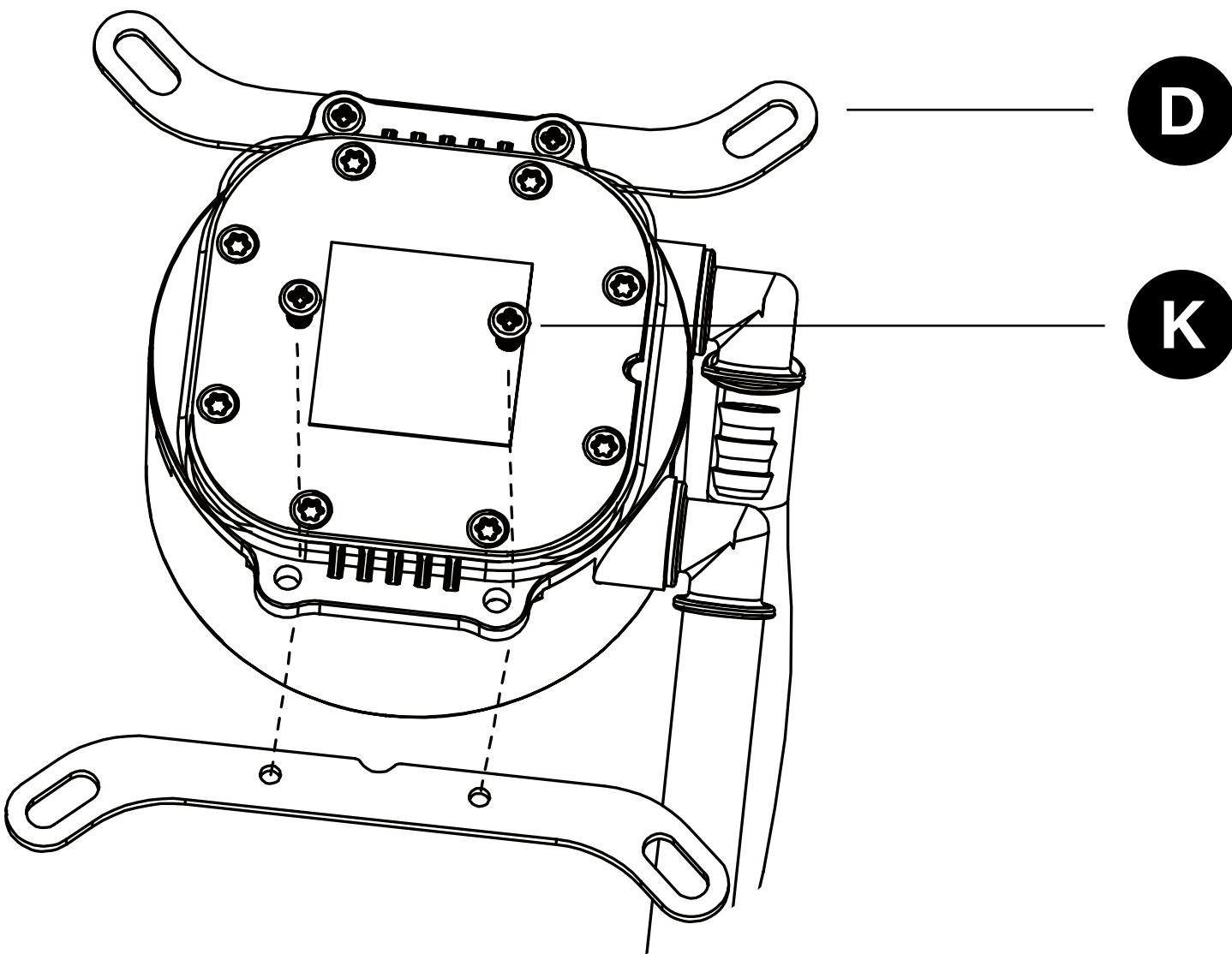
3A

INTEL SOCKET PUMP INSTALLATION

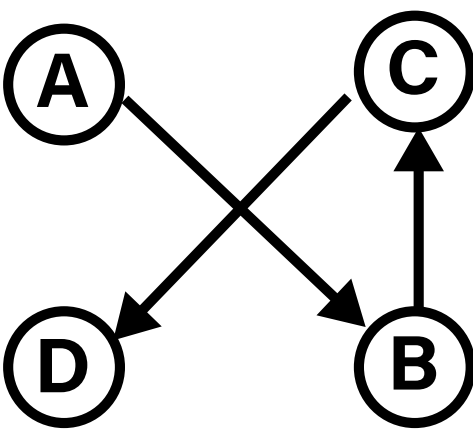
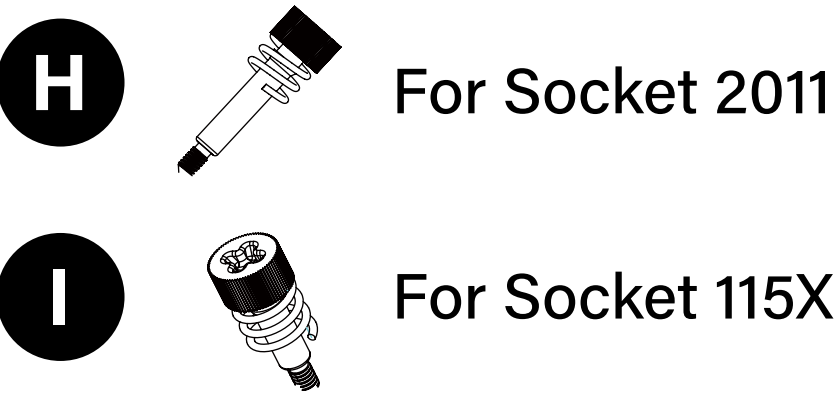
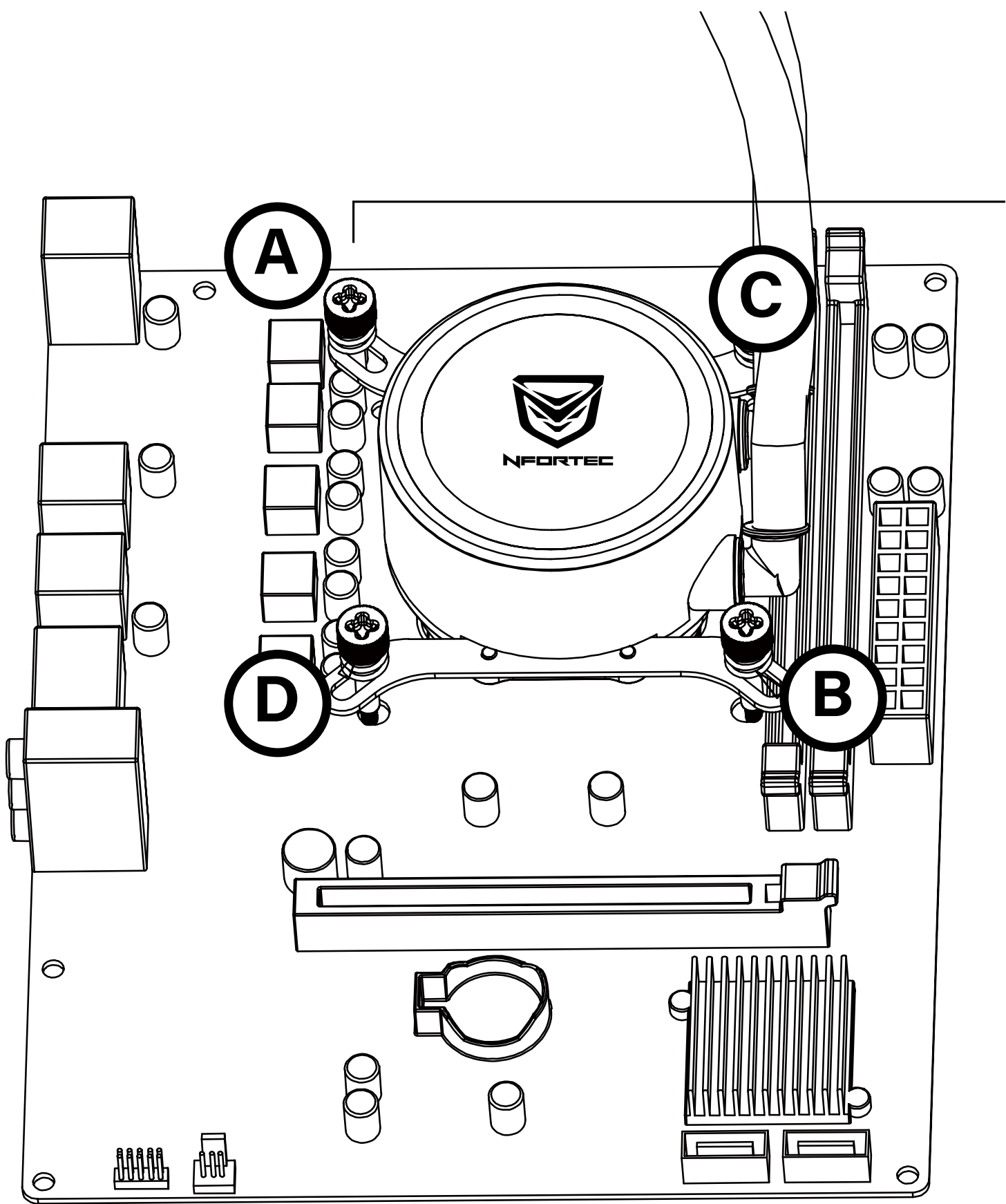
INSTALACIÓN DE BOMBA EN SOCKET INTEL



Remove the backplate included with the default motherboard and install the one included for intel processors.
Retira la placa trasera que incluye la placa base por defecto e instala la incluida para procesadores Intel.



Install the intel mounting brackets to the pump using the mounting screws.
Instala los soportes de sujeción de intel a la bomba usando los tornillos de sujeción



Once the thermal paste has been applied, fix the pump using the appropriate screws for each type of intel processor and secure them in place using the A-D diagram.
Una vez aplicada la pasta térmica fija la bomba usando los tornillos propios para cada tipo de procesador intel y aseguralos poco a poco usando el diagrama A-D

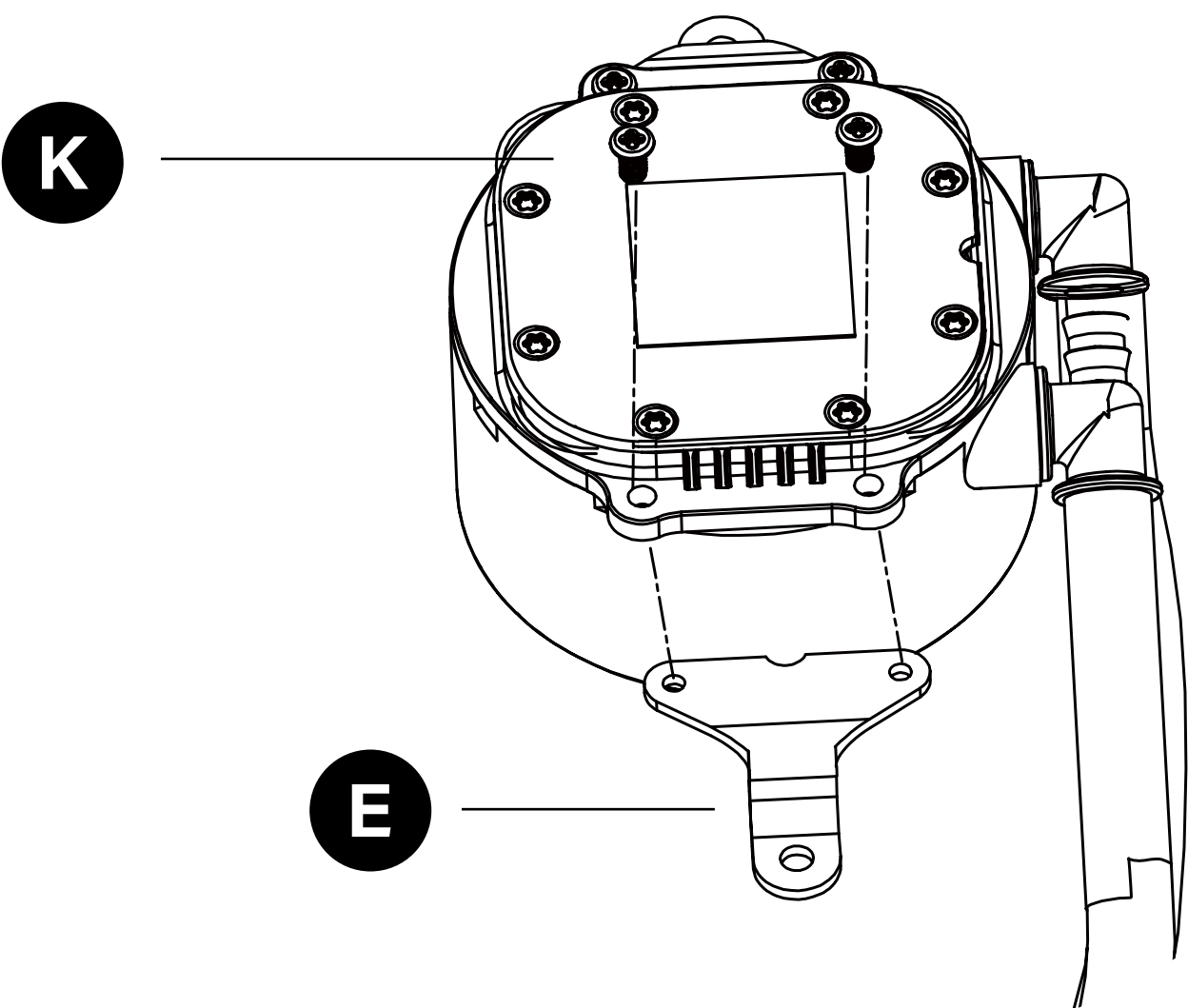
BASIC INSTALLATION

INSTALACIÓN BÁSICA

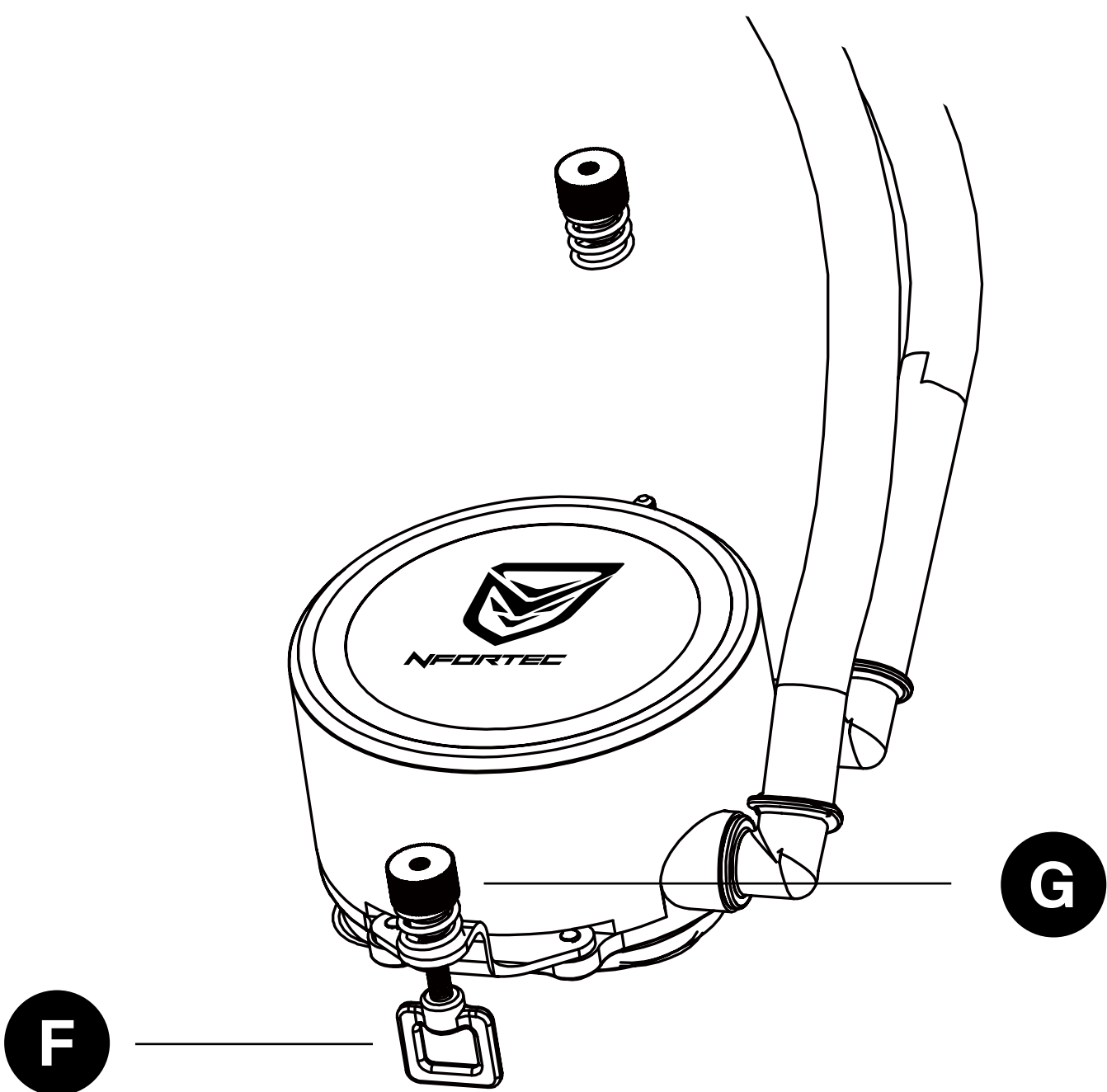
3B

AMD SOCKET PUMP INSTALLATION

INSTALACIÓN DE BLOQUE EN SOCKET AMD



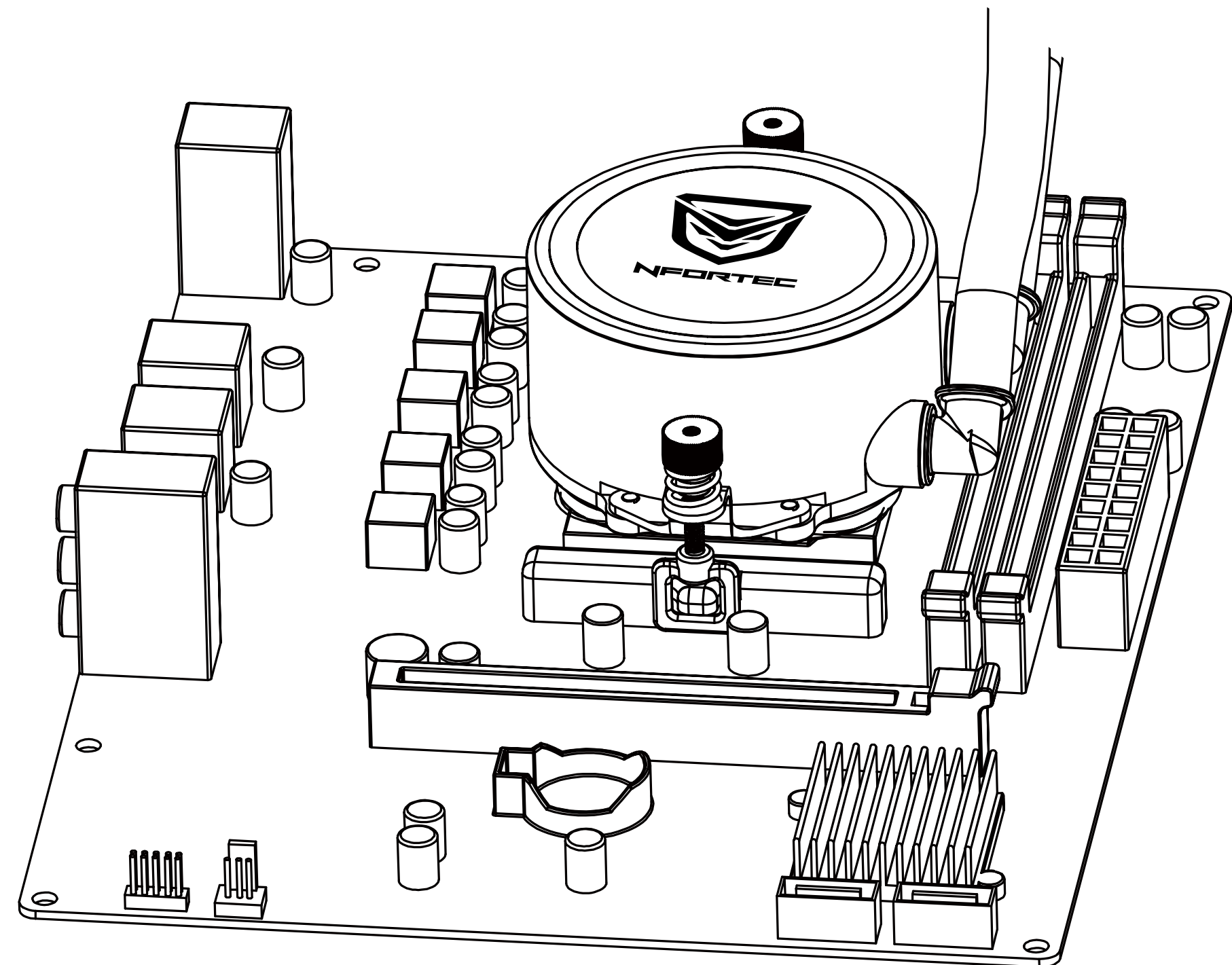
Install the AMD mounting brackets on the pump using the mounting screws.
Instala los soportes de sujeción para AMD en la bomba usando los tornillos de sujeción.



Install the AMD fastening screws and the mount screws on the bracket .
Instala sobre las sujeciones los apoyos de sujeción para AMD y presenta los tornillos de montaje para AMD.



Do not fully tighten the mounting screws until the pump has been fixed to the motherboard.
No apretar al máximo los tornillos de montaje hasta no haber fijado la bomba a la placa base.



Using the back plate and brackets included with the base plate, attach the pump and secure by tightening the mounting screws.
Usando la placa trasera y los soportes incluidos con la placa base, fija la bomba y asegura apretando los tornillos de montaje.

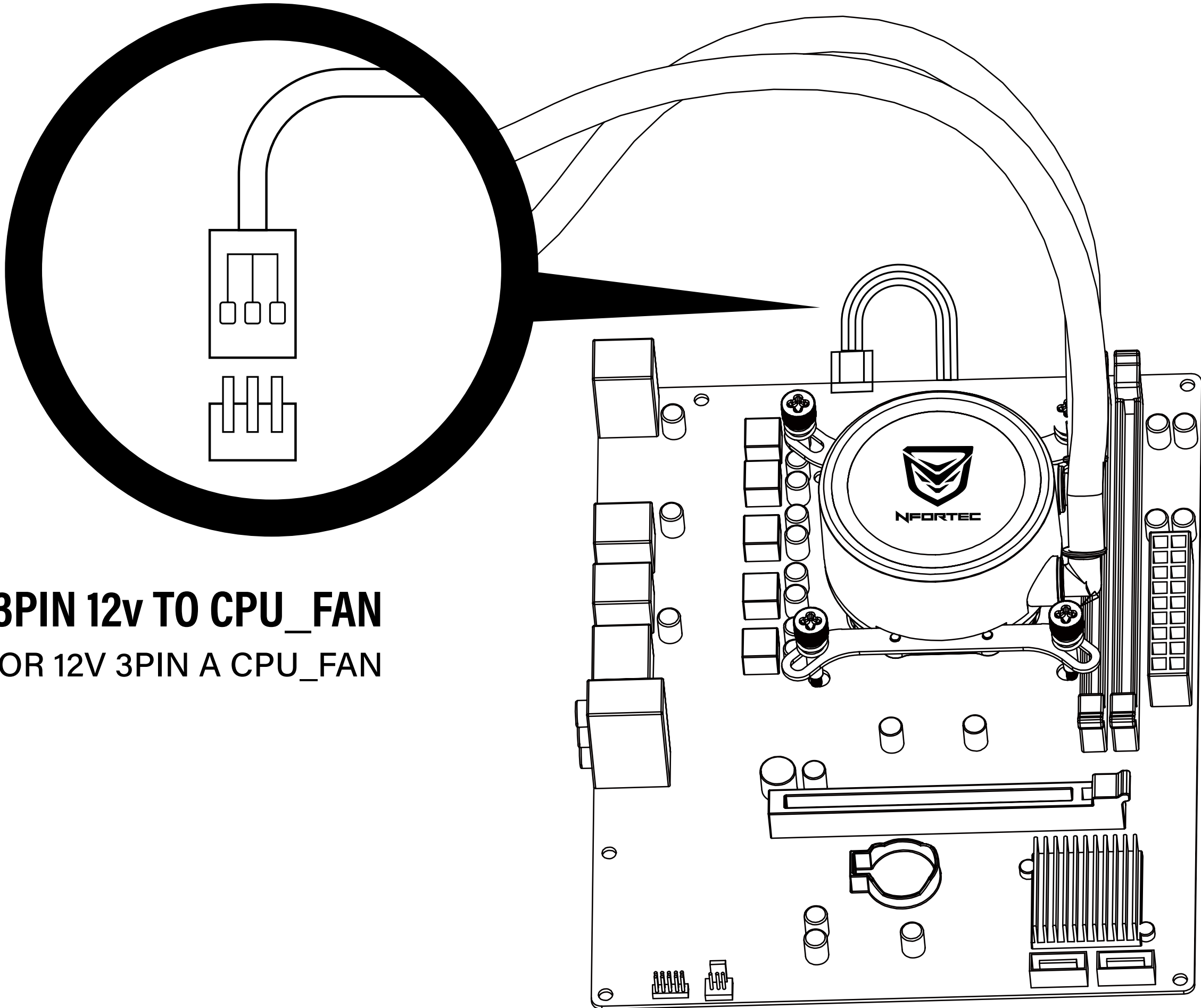
BASIC INSTALLATION

INSTALACIÓN BÁSICA

4

CABLE CONNECTION

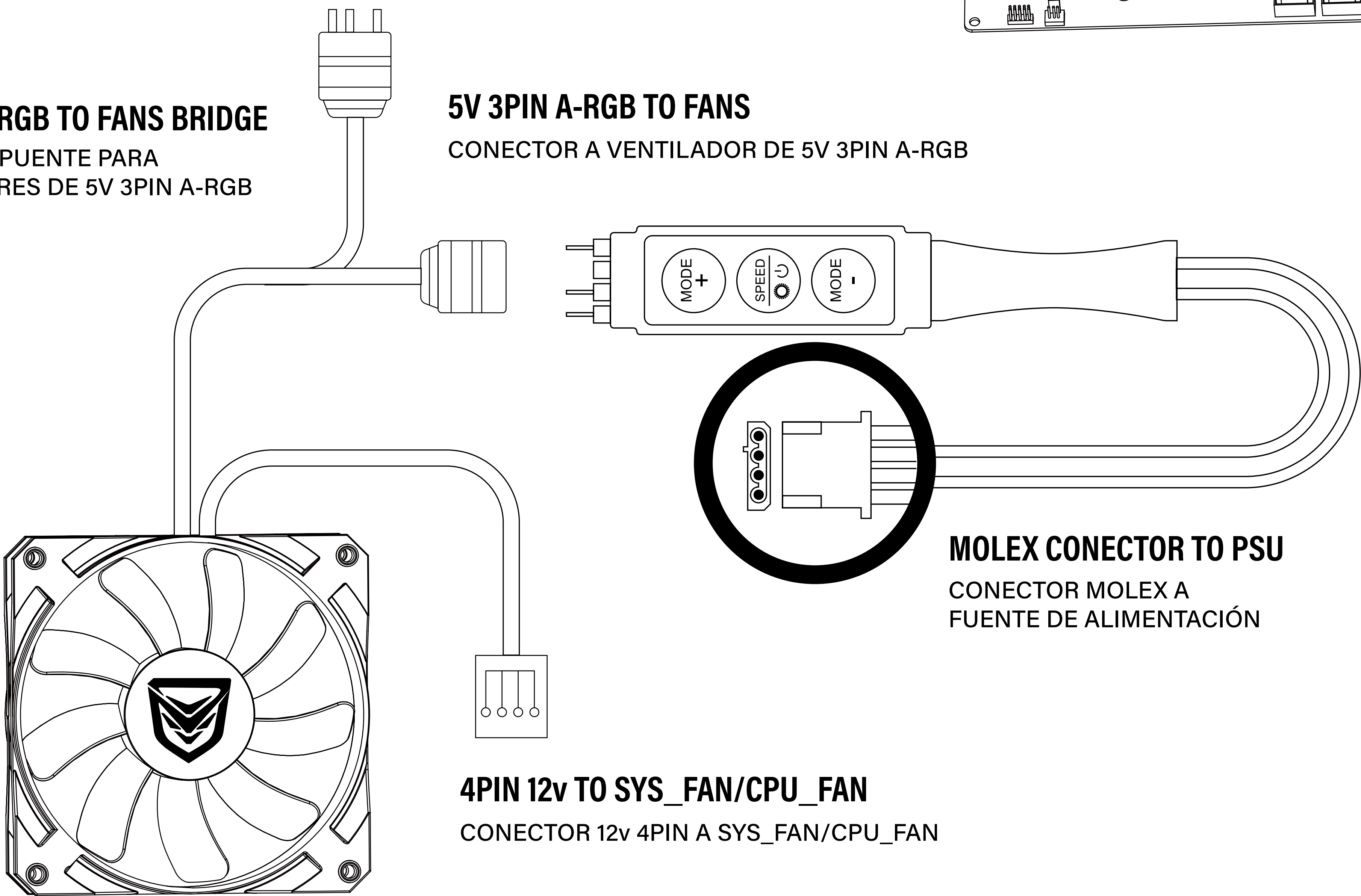
CONEXIÓN DEL CABLEADO



3PIN 12v TO CPU_FAN
CONECTOR 12V 3PIN A CPU_FAN

5V 3PIN A-RGB TO FANS BRIDGE
CONECTOR PUENTE PARA
VENTILADORES DE 5V 3PIN A-RGB

5V 3PIN A-RGB TO FANS
CONECTOR A VENTILADOR DE 5V 3PIN A-RGB



MOLEX CONECTOR TO PSU
CONECTOR MOLEX A
FUENTE DE ALIMENTACIÓN

4PIN 12v TO SYS_FAN/CPU_FAN
CONECTOR 12v 4PIN A SYS_FAN/CPU_FAN



HYDRUS RGB

RGB WATER COOLER

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www.nfortec.com

