



Parts List

BPTA-O11D-AK_CPU_A2.0-BK

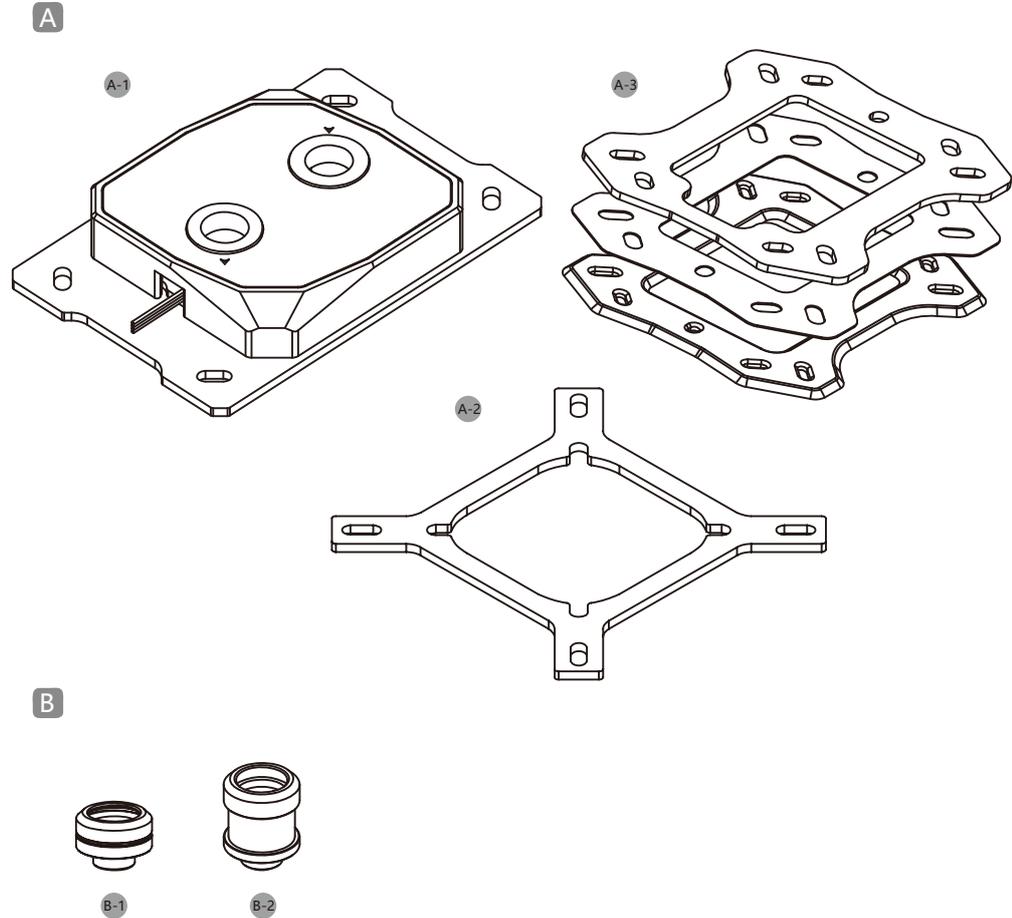
- A** CPU Water Block
 - A-1 BPTA-CPUMS-V2-SKA1 pc
 - A-2 Intel Mounting Bracket1 pc
 - A-3 Backplane assembly1 set

- B** Fittings
 - B-1 BPTA-DOTFH16222 pcs
 - B-2 BPTA-15ATFH162 pcs

- C** Accessory
 - C-1 Hard tube2 pcs
 - C-2 Fitting + soft tube1 pc
 - C-3 CPU set

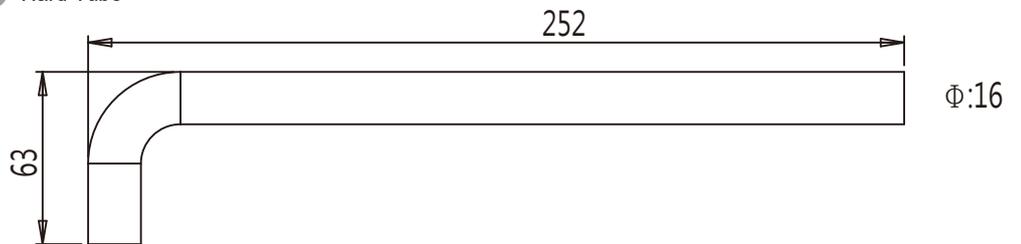
Thumb screw
 SPRING
 Thumb nut
 1mm Spacer
 M3x32mm Screw
 SC6-32M3
 Nylon cup washer

- C-4 BPTA-MKCPUMS-1700 or BPTA-MKCPUMS-1700-V2
- C-5 BP-CPUPDB-AMD5MS



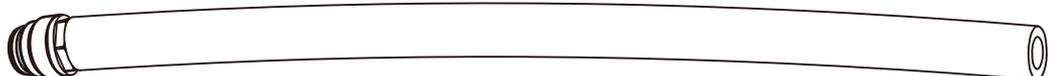
C

- C-1 Hard Tube



※ The allowable variance in tube length is ± 2mm

- C-2 Fitting + soft tube

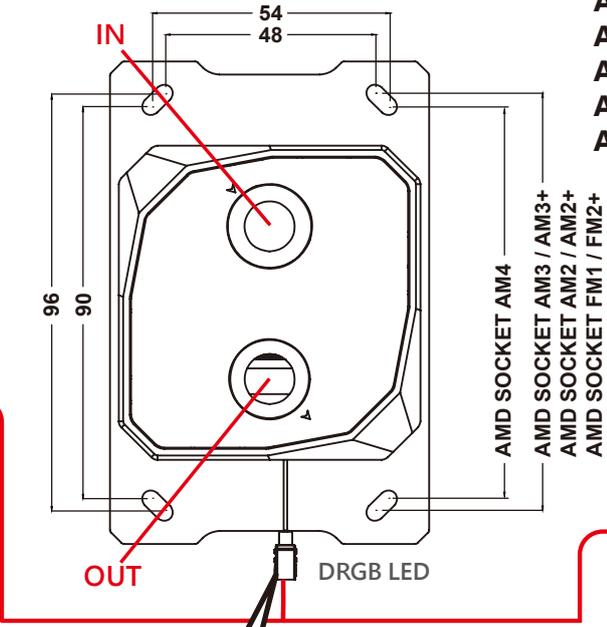


I. AMD Motherboard system

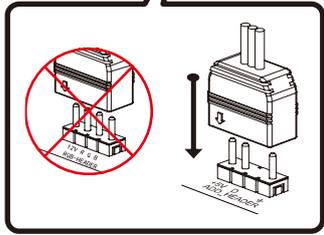
**AMD SOCKET 939 / 754 / 940
AMD SOCKET AM4
AMD SOCKET AM3 / AM3+
AMD SOCKET AM2 / AM2+
AMD SOCKET FM1 / FM2+**

Bitspower Fan and DRGB RF Remote Controller Hub (Not included) are now available at microcenter.com
DRGB PIN on 1 Motherboard or 2 other equipment.

1 Motherboard
2 BPTA-RFCHUB
Fan and DRGB RF Remote Controller Hub (Not included)

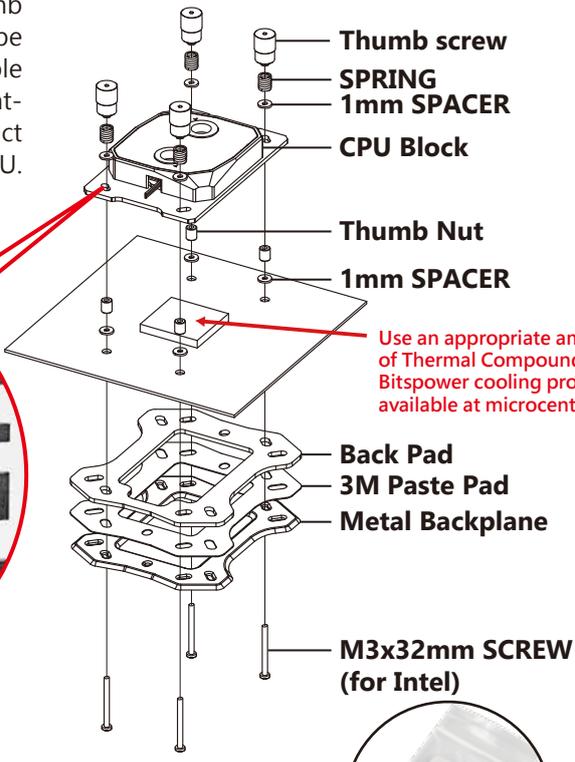


The CPU water block has a DRGB cable, which can be connected to the DRGB extension cable of the radiator fans.

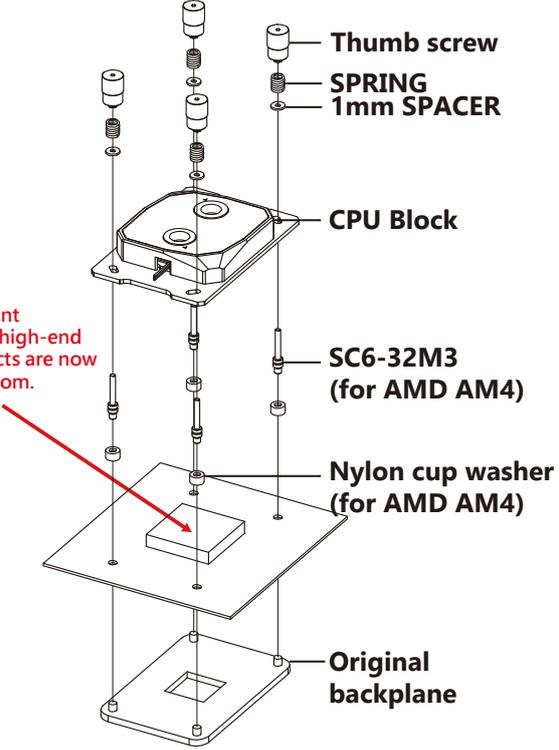


Installation

Do not over-tighten the thumb screws. The springs should be slightly compressed, with visible gaps in the spring coils. Over-tightening may result in poor contact between the water block and CPU.

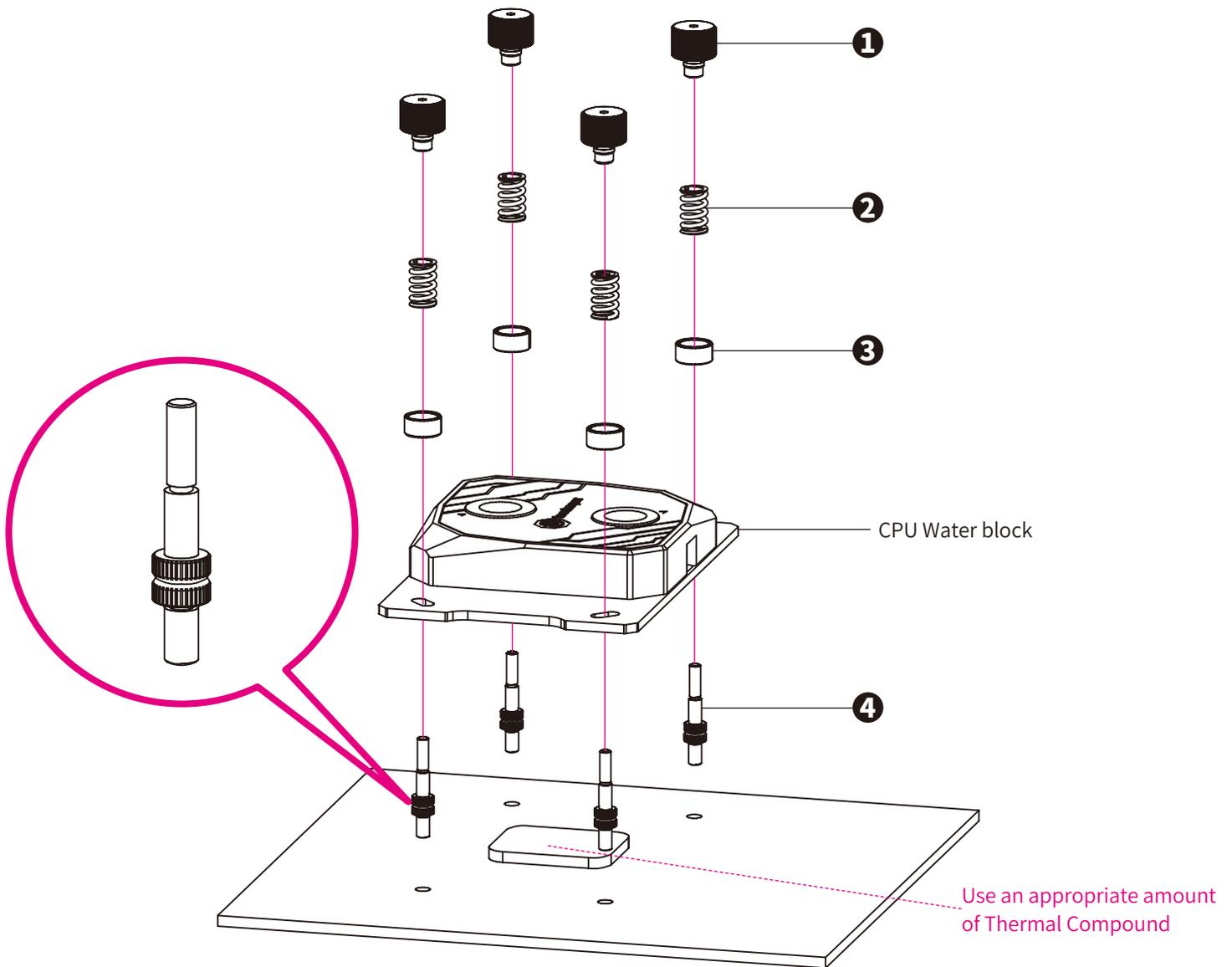


Use an appropriate amount of Thermal Compound, - high-end Bitspower cooling products are now available at microcenter.com.



C-5 BP-CPUPDB-AMD5MS

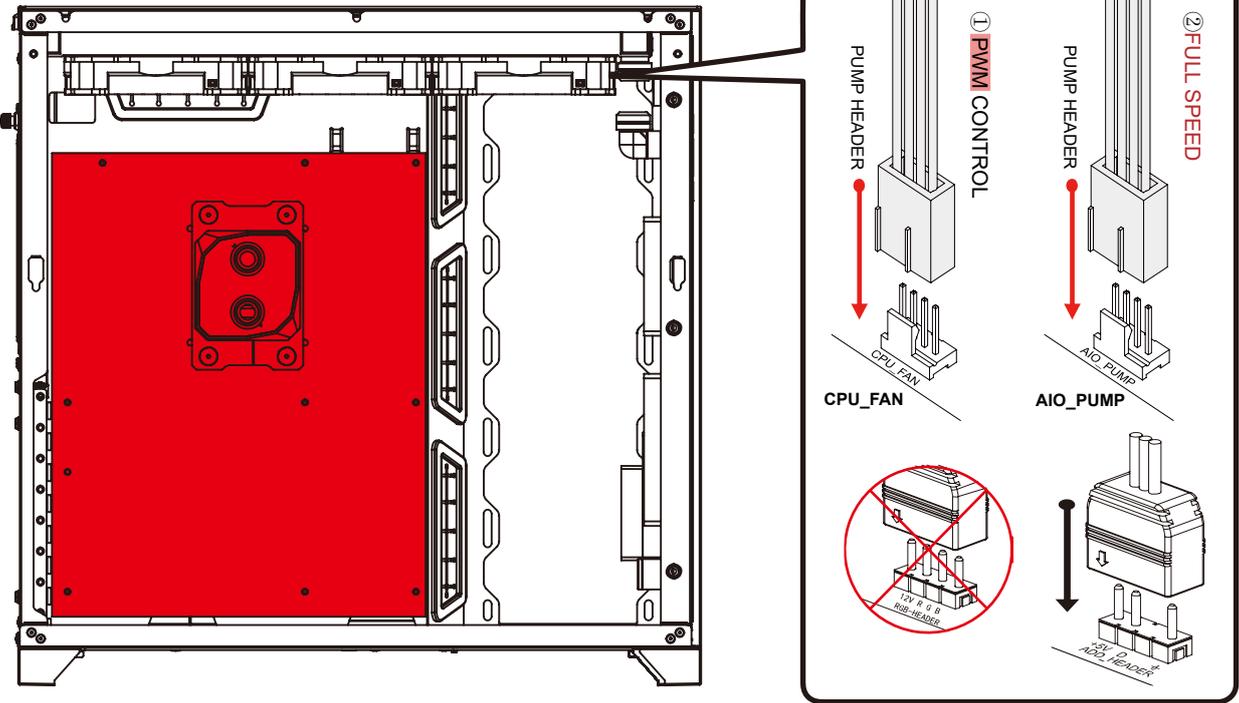
- | | | | |
|----------------------|-------|-----------------|-------|
| 1 Thumb screw | 4 PCS | 3 Washer | 4 PCS |
| 2 Spring | 4 PCS | 4 Stud | 4 PCS |



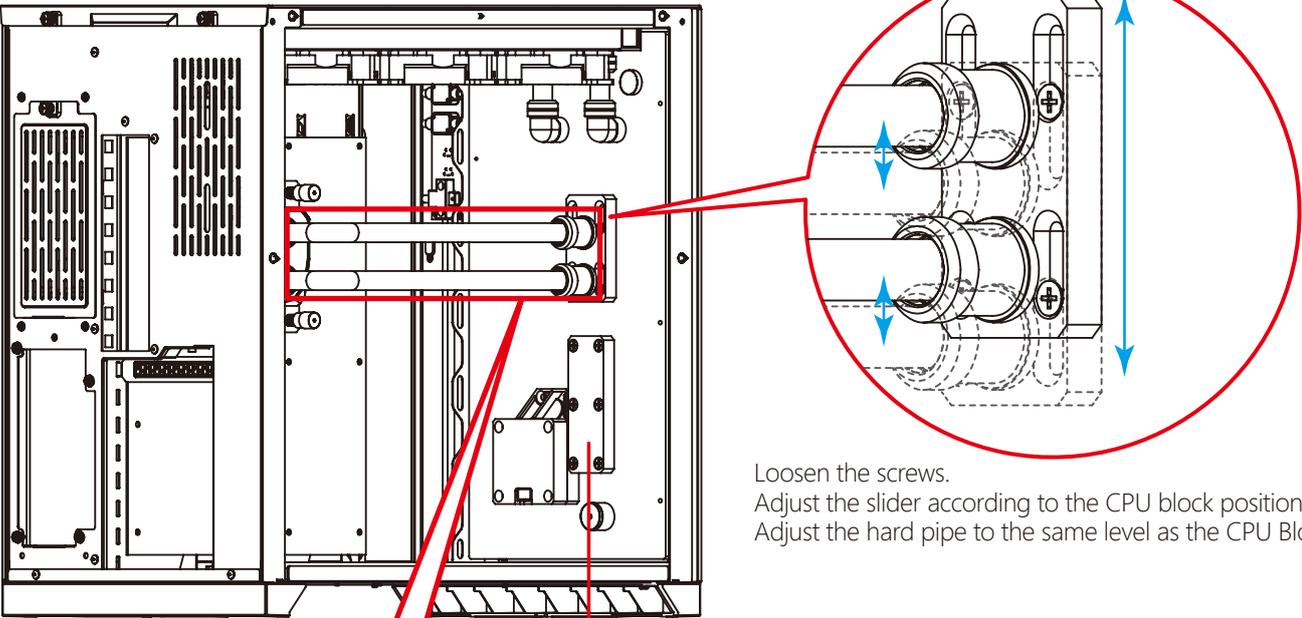
II. AMD Chipset Installation

Titan One 2.0 is compatible with most ATX motherboards. If not compatible, please contact Bitspower directly, thank you.

Step 1

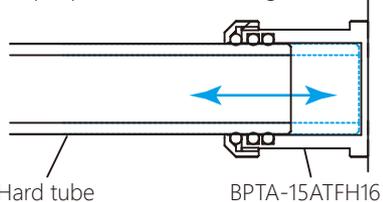


Step 2

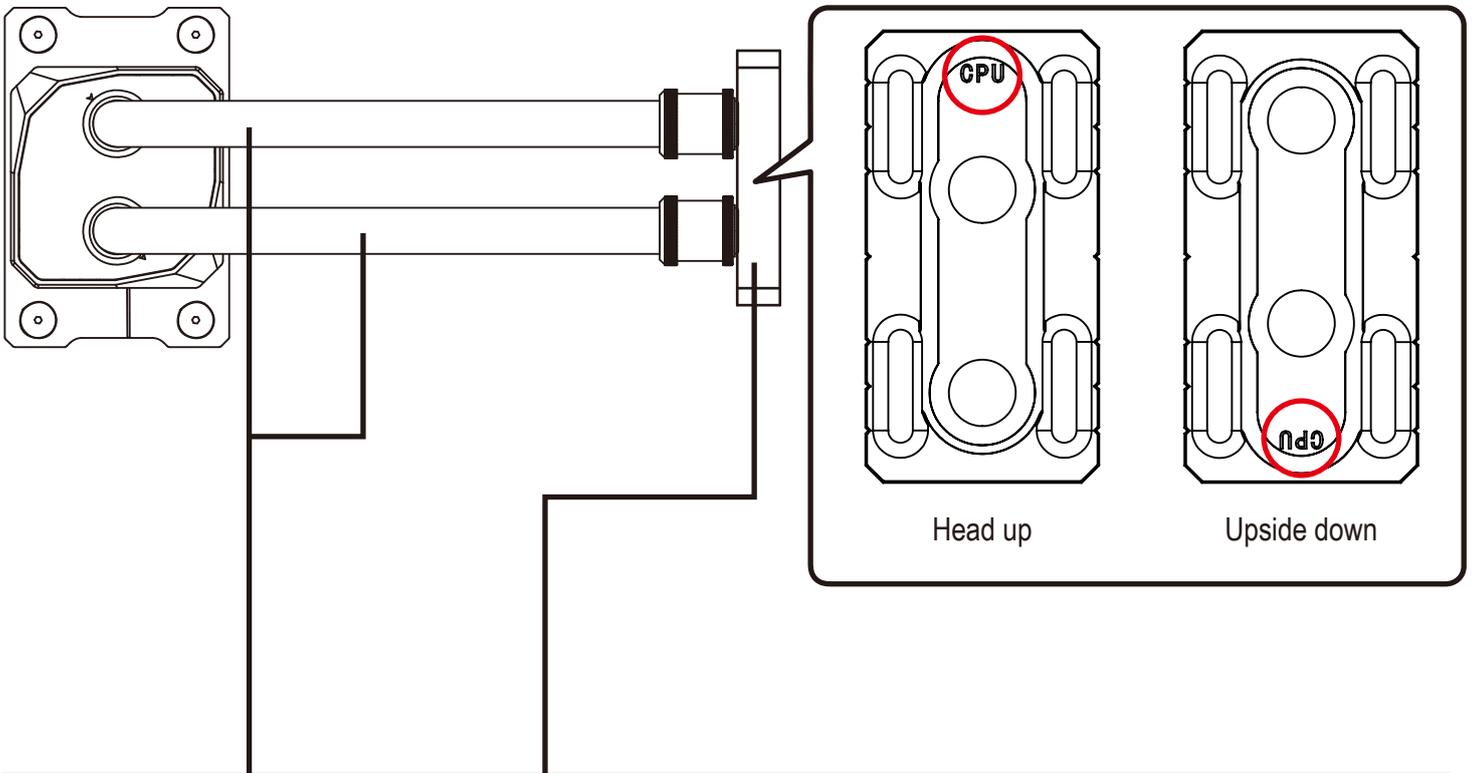


Loosen the screws.
Adjust the slider according to the CPU block position.
Adjust the hard pipe to the same level as the CPU Block inlet.

When installing the hard pipe from the CPU block to the water distribution reservoir, You can move the hard pipe left and right to get the proper installation length.



Before installing the water cooling parts for the graphics card, please remove this part.

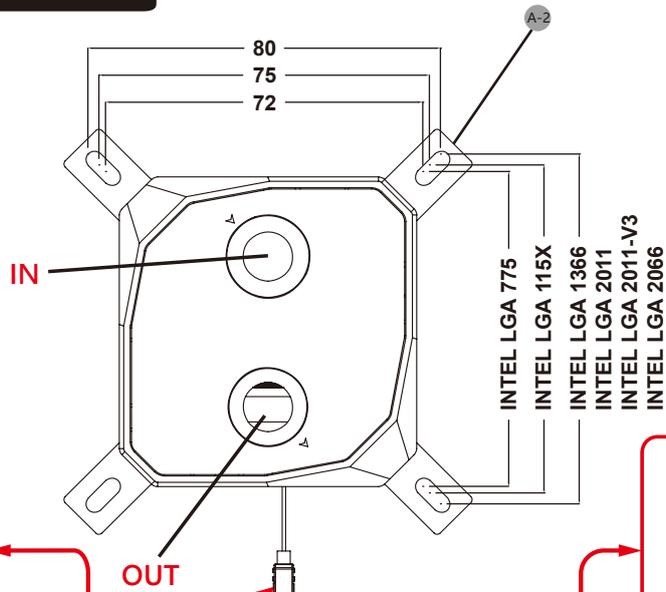
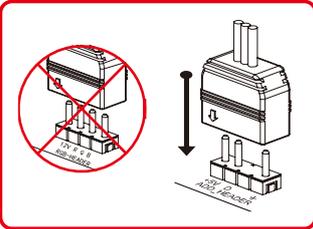
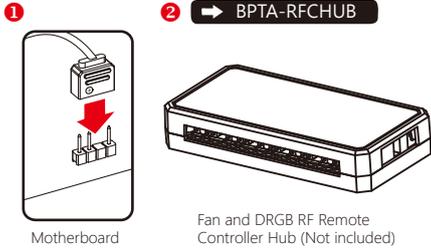


Hard Tube	Mounting orientation (CPU block position)	Motherboard	
		63x252	Head up
* 63x240	Head up	GIGABYTE	X670E AORUS MASTER

* Not included, sold separately.(refer to)

III. Intel Motherboard system

Bitspower Fan and DRGB RF Remote Controller Hub (Not included) are now available at microcenter.com
 DRGB PIN on ① Motherboard or ② other equipment.



INTEL LGA 775
INTEL LGA 115X
INTEL LGA 1366
INTEL LGA 2011
INTEL LGA 2011-V3
INTEL LGA 2066

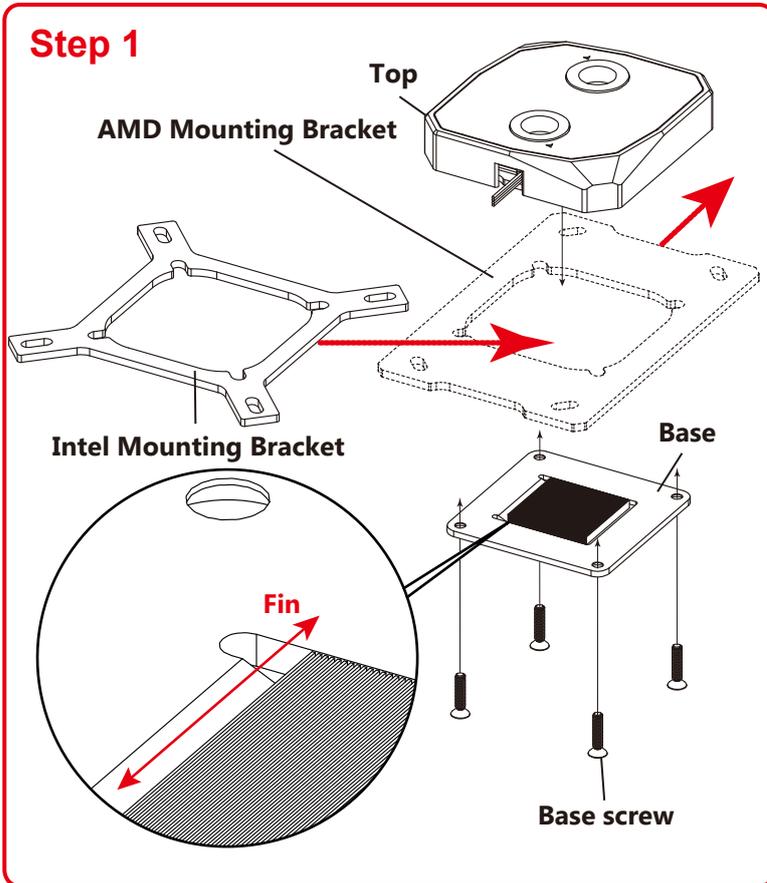
The CPU water block has a DRGB cable, which can be connected to the DRGB extension cable of the radiator fans.



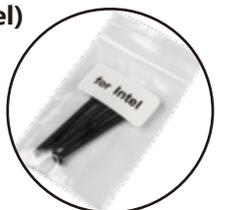
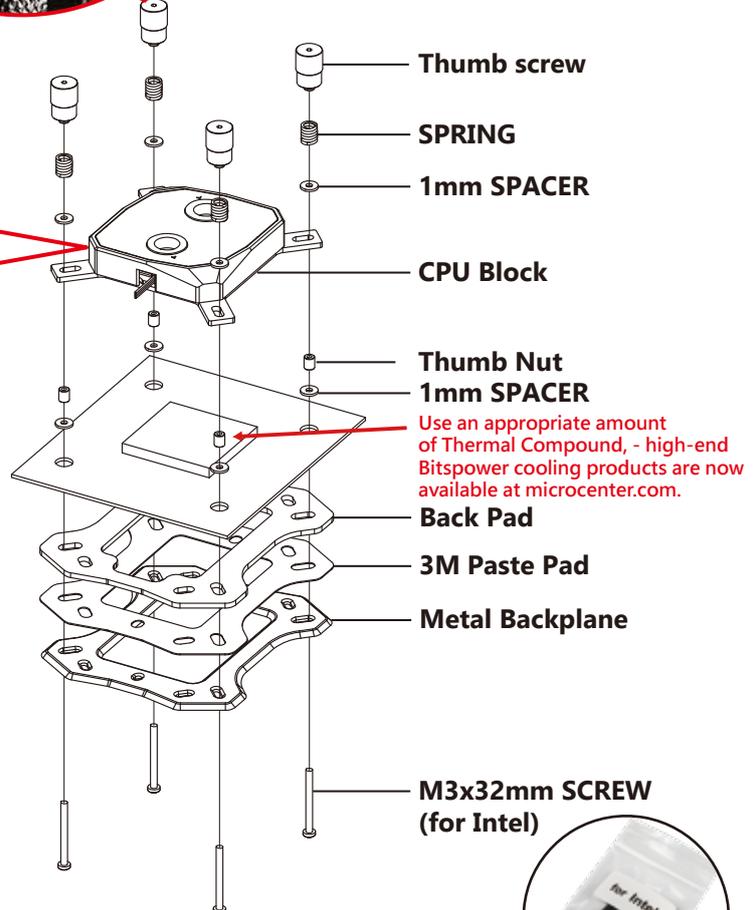
Do not over-tighten the thumb screws. The springs should be slightly compressed, with visible gaps in the spring coils. Over-tightening may result in poor contact between the water block and CPU.

Installation

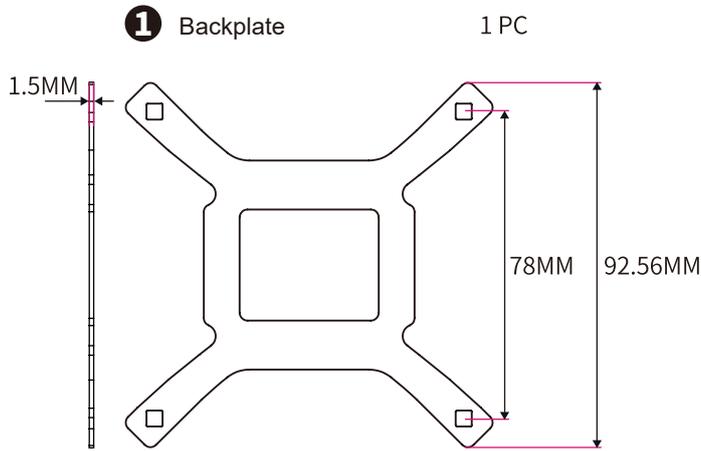
Step 1



Step 2



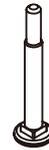
C-4 BPTA-MKCPUMS-1700(If you got this version, please refer to the following installation)



2 Adjusting Nut 8 PCS



3 Backplate Bolt 4 PCS

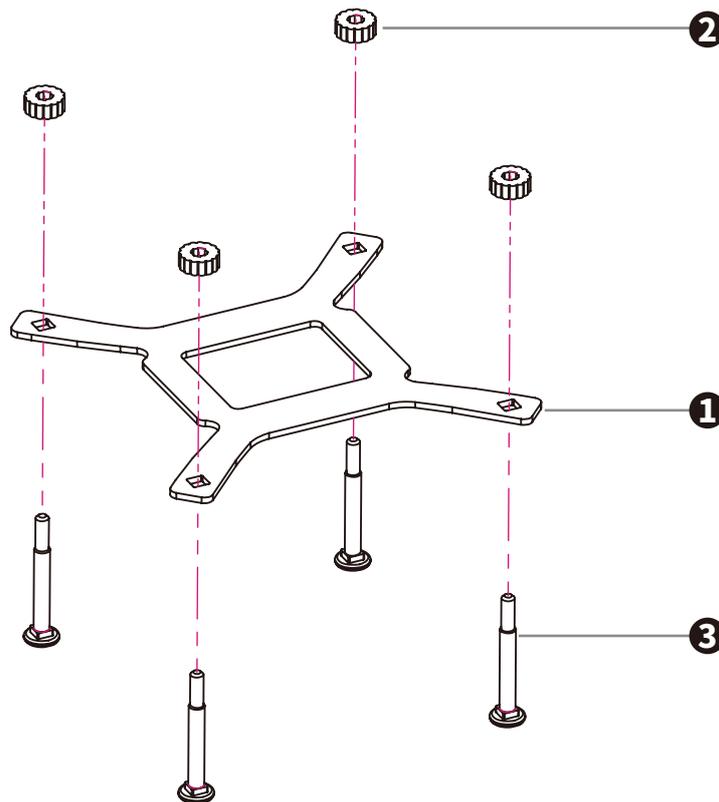


4 Washer 4 PCS

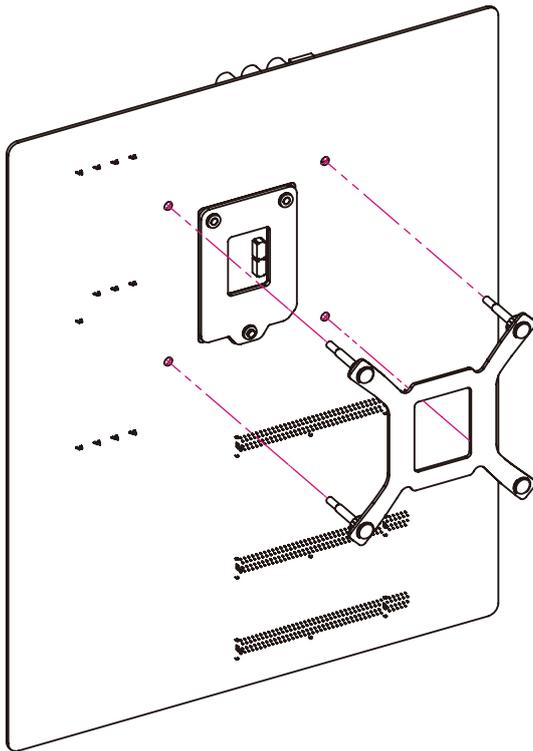


Assembly steps 

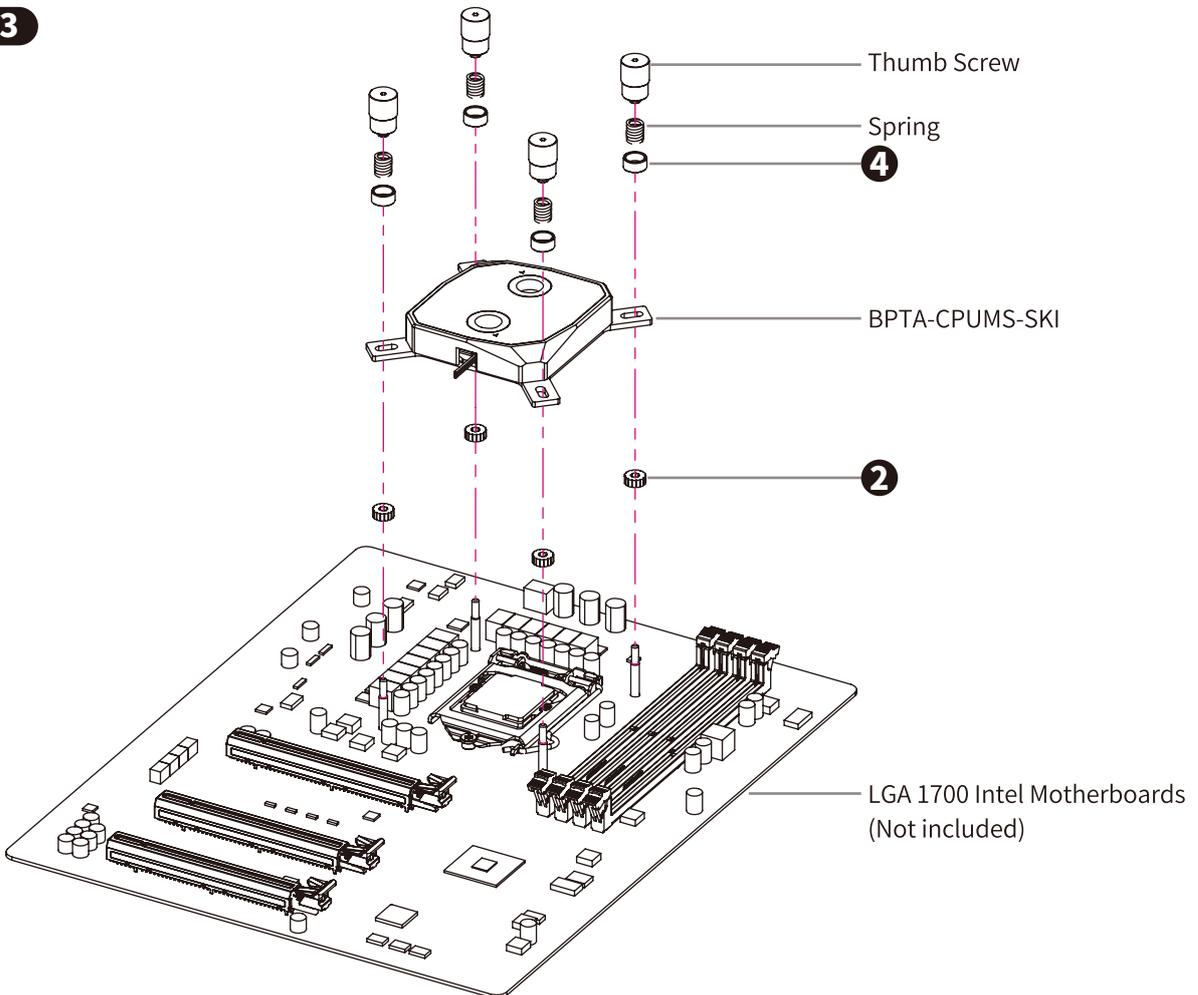
step 1



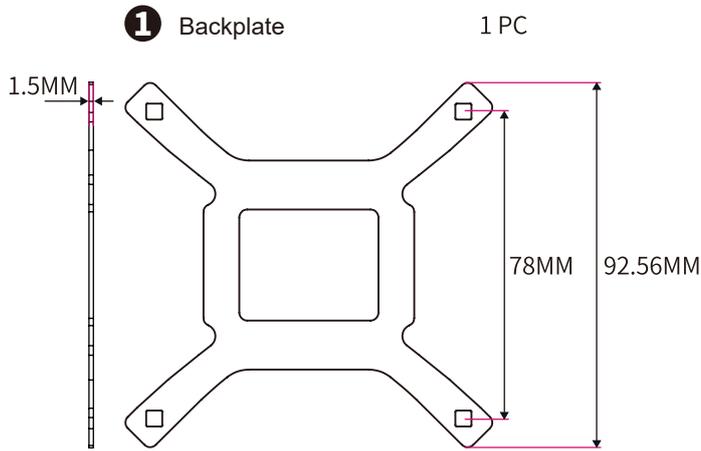
step 2



step 3



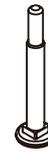
C-4 BPTA-MKCPUMS-1700-V2(If you got this version, please refer to the following installation)



2 Adjusting Nut 4 PCS



3 Backplate Bolt 4 PCS



4 Washer 4 PCS

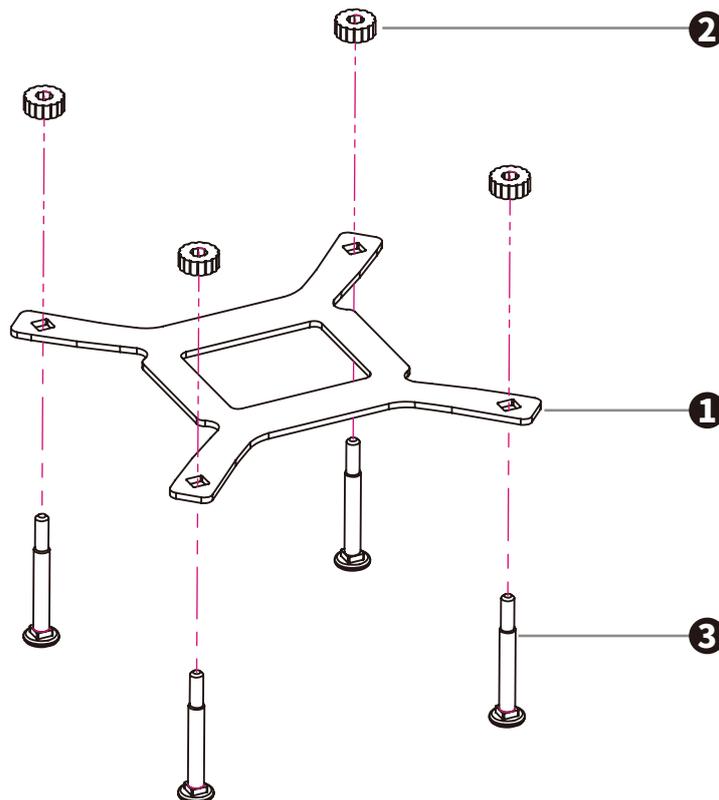


5 Standoffs 4 PCS

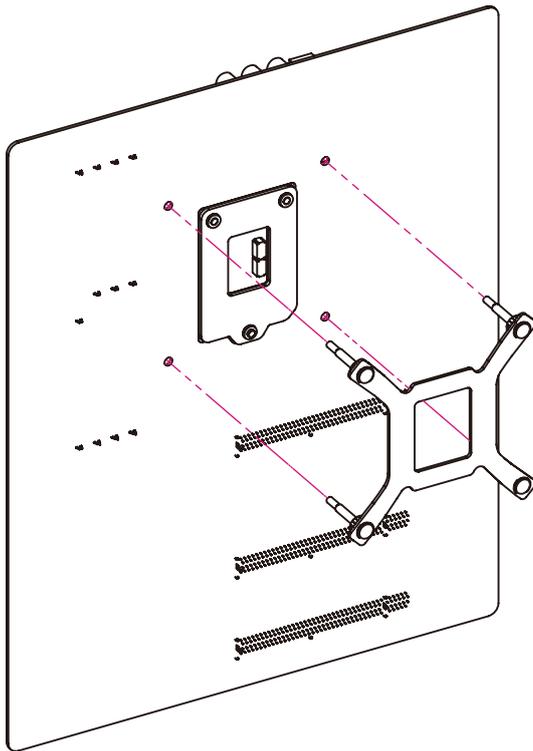


Assembly steps 

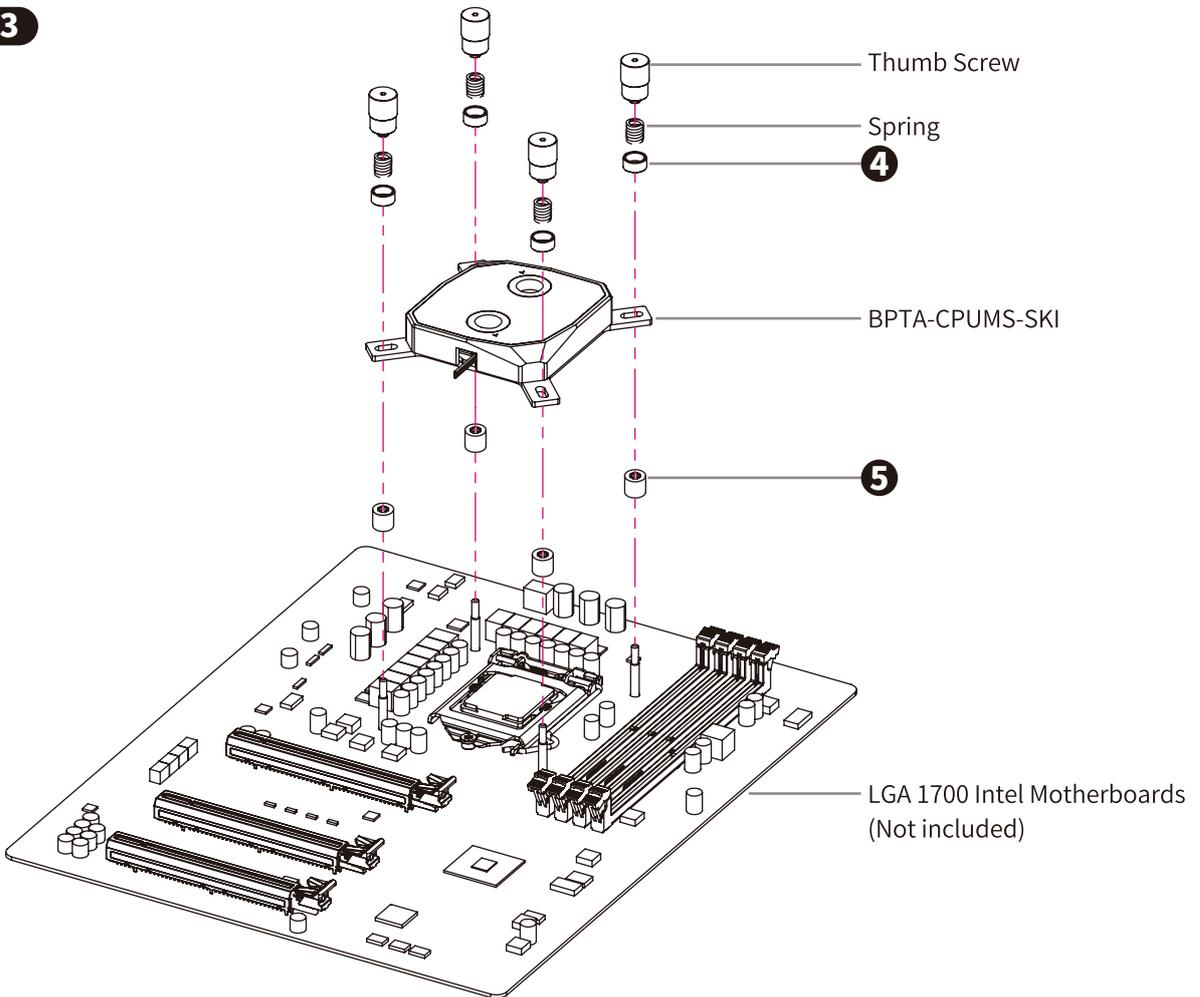
step 1



step 2



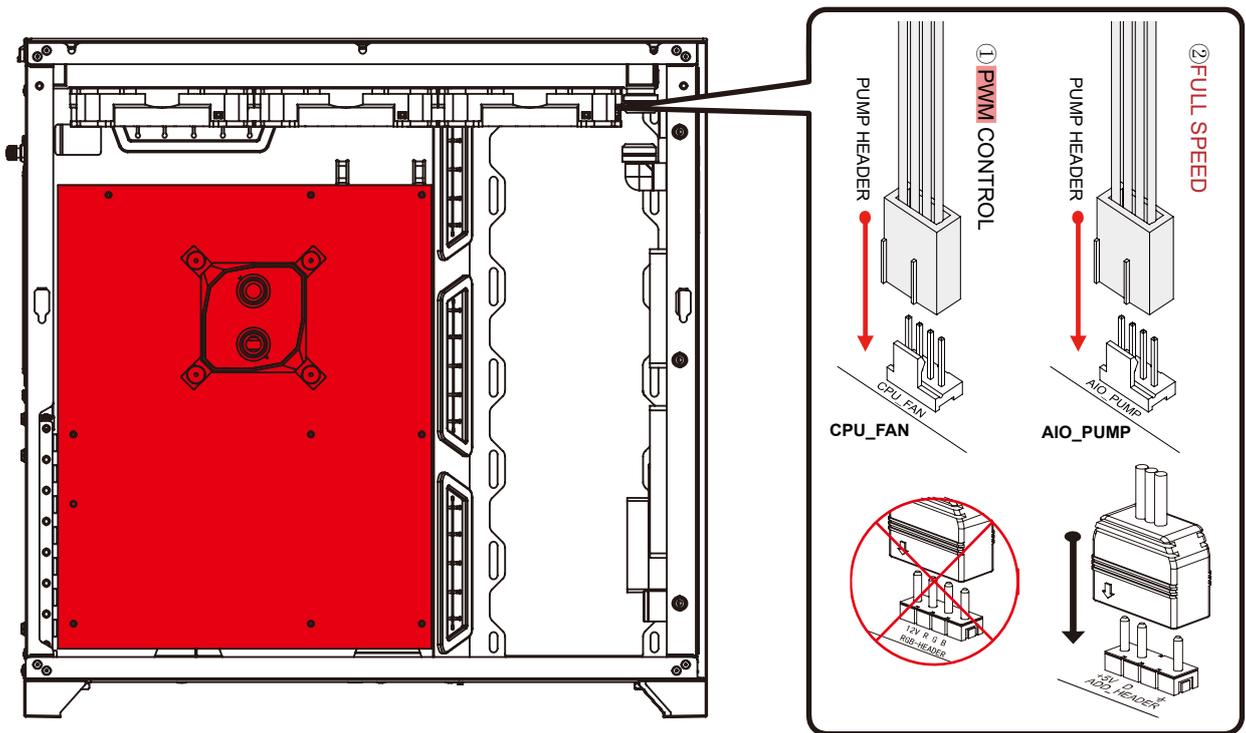
step 3



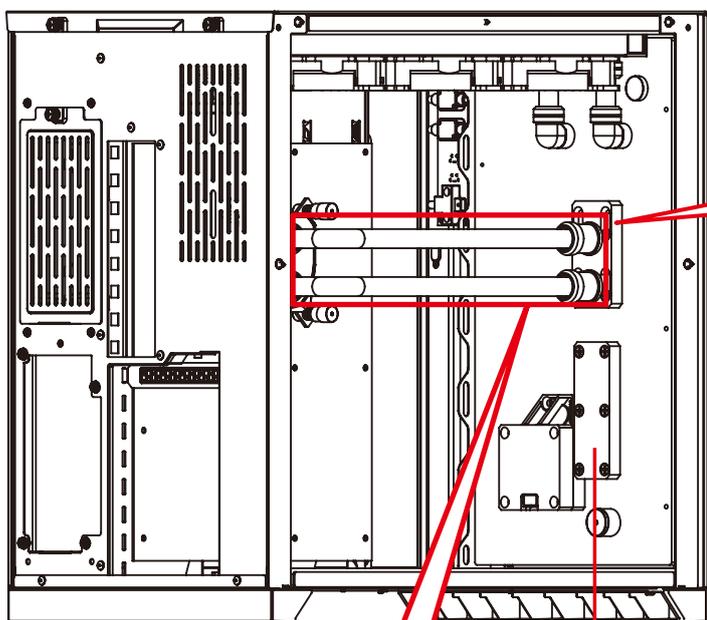
IV. Intel Chipset Installation

Titan One 2.0 is compatible with most ATX motherboards. If not compatible, please contact Bitspower directly, thank you.

Step 1

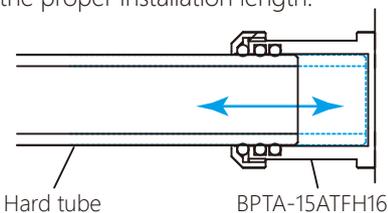


Step 2

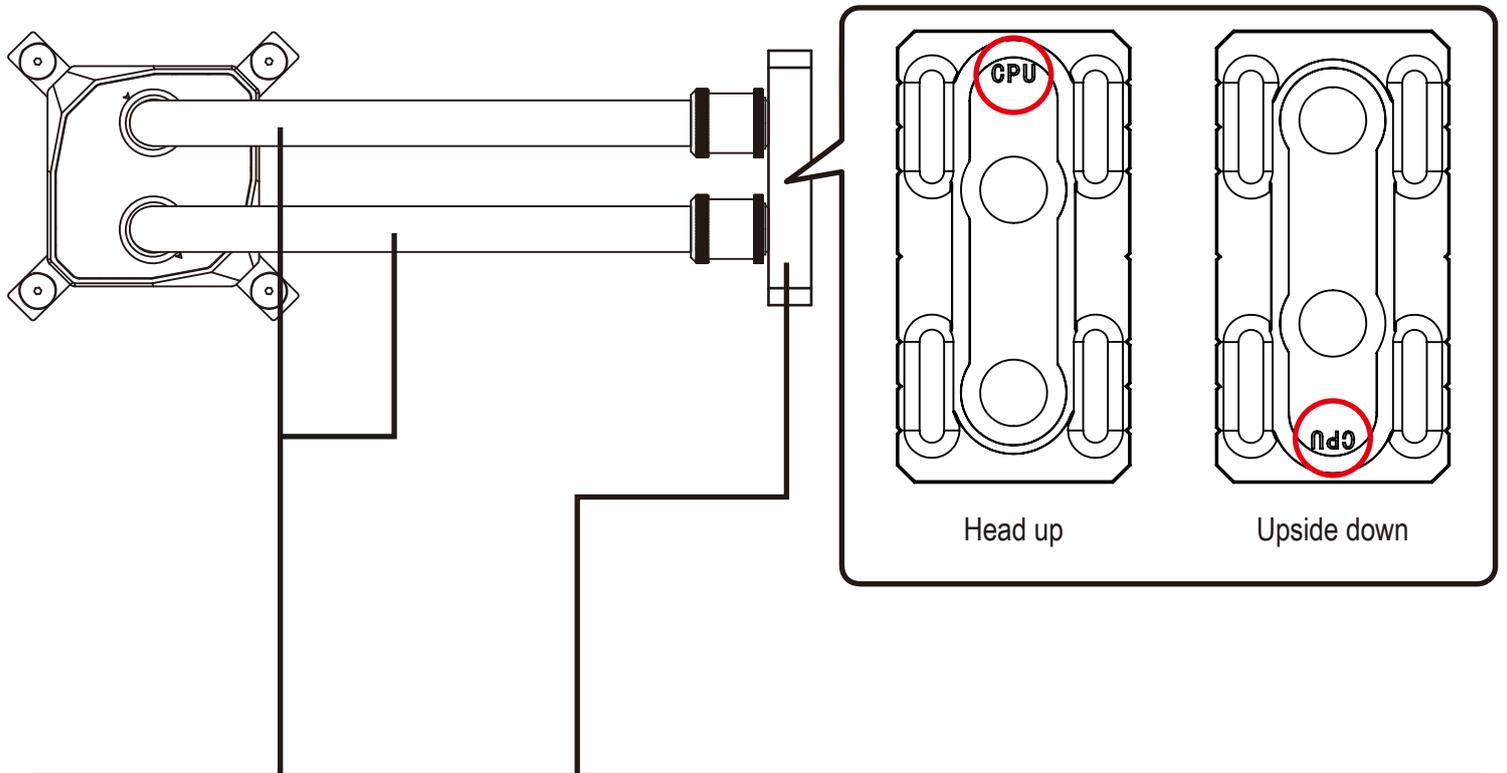


Loosen the screws.
Adjust the slider according to the CPU block position.
Adjust the hard pipe to the same level as the CPU Block inlet.

When installing the hard pipe from the CPU block to the water distribution reservoir, You can move the hard pipe left and right to get the proper installation length.



Before installing the water cooling parts for the graphics card, please remove this part.



Hard Tube	Mounting orientation (CPU block position)	Motherboard	
63x252	Head up	Most ATX motherboards	
* ¹ 63x259	Head up	MSI	PRO Z790-P WIFI DDR4
63x252	Upside down	ASUS	ROG MAXIMUS Z790 APEX
* ² 63x240	Head up	GIGABYTE	Z790 AORUS XTREME
63x252	Head up	GIGABYTE	Z790 AEROG
63x252	Upside down	BIOSTAR	Z790A-SILVER
* ² 63x240	Upside down	ASROCK	Z790 Taichi

* ¹ Not included, sold separately.(refer to)

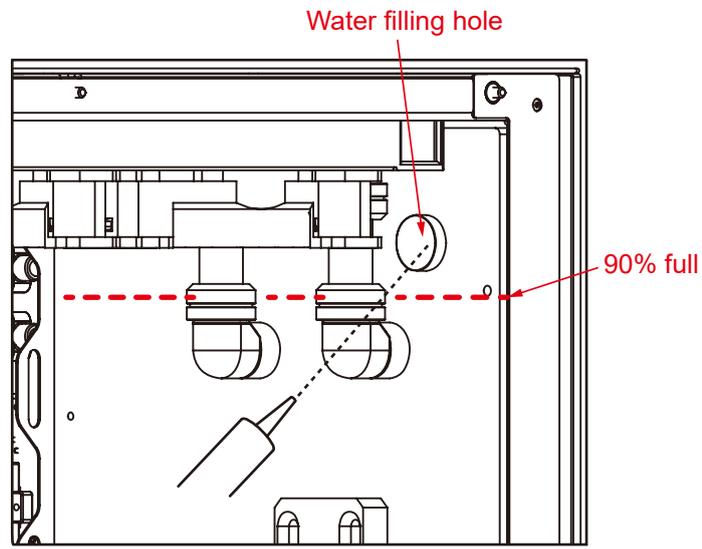
* ² Not included, sold separately.(refer to)

Pour the coolant into the reservoir via the water filling hole. Once the reservoir is 90% full, turn on the power supply for the pump to run and let the air exit the loop. Turn off the power supply when the reservoir is near empty. Repeat until all the air has exited the loop.

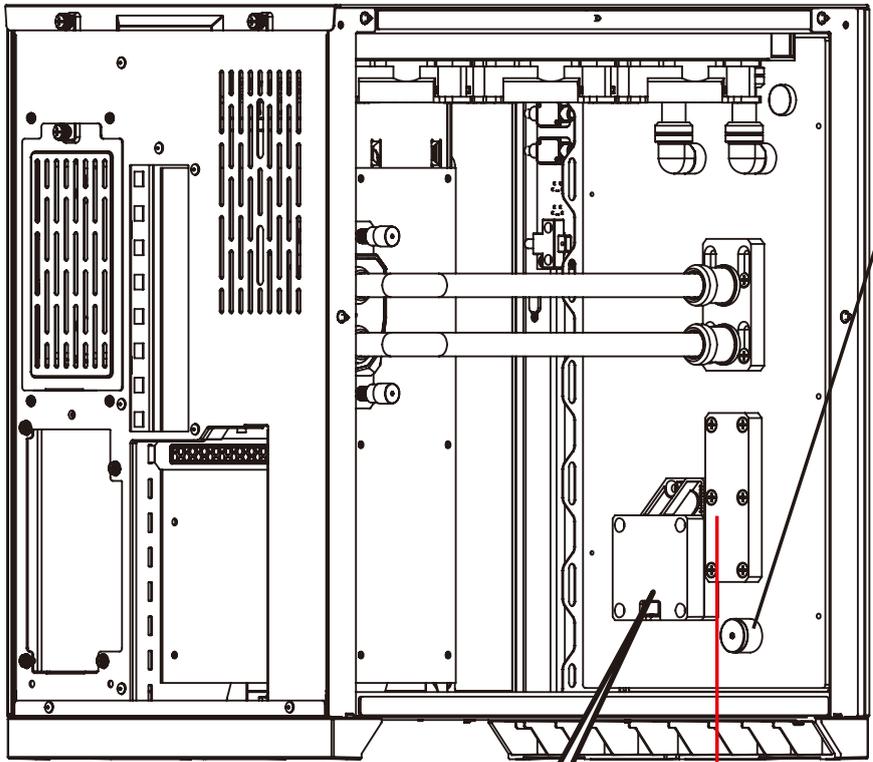
Notice : Do not turn on the pump if the reservoir is empty.

⚠ Bitspower recommends that consumers add the Bitspower coolant or purified water for their water-cooling liquid. If the consumer chooses different water-cooling liquids, the resulting impurities may cause peeling of the coating on some of the hardware, water channels blockage by built-up residue, improper operation of the water pump, water tank tube breakage, and o-rings deformation leading to leakage. Any issues related to the use of inappropriate water-cooling liquid will be the responsibility of the consumer.

⚠ In order to make the internal circulation of the water cooling system cleaner, and avoid the pump stuck by the precipitate, we advise you to rinse the water cooling system with distilled water in several times until the excluded water is clean.



V. BPTA-WDPO11D-AK-LITE

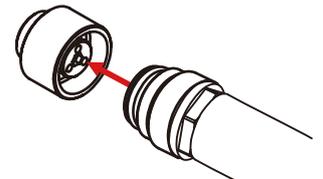


BPTA-EFW

It is recommended to install the water-exhaust fitting at the lowest point of the water cooling system.

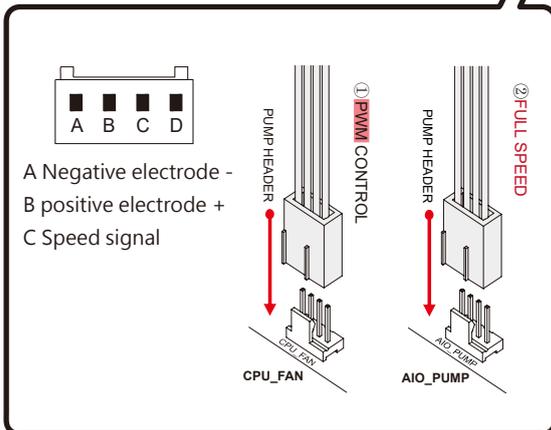


Step 1
Unscrew the top of the water-exhaust fitting.



Step 2
Replace with the water-exhaust part. When screwing in the part, water will start to discharge, it is recommended to connect tubing beforehand to control the water outflow.

Before installing the water cooling parts for the graphics card, please remove this part.



Pump Spec.
 Rated voltage : 12V DC
 Power consumption : 8.4W
 Maximum flow : 460±15%/h
 Noise : ≤24dBA
 PWM : Yes
 MTBF : ≤15,000 hours
 Warranty : 2 years

Notice

Before filling in the water, please make sure all the components are installed correctly. To prevent any leakage which may damage the PC components, please perform a 24-hour leaking test with only the pump connected to the power supply.

Bitspower reserves the right to change the product design and interpretations. These are subject to change without notice. Product colors and accessories are based on the actual product.

When using leak tester on water cooling loop, in order to avoid product damage due to excessive pressure, the input pressure should not exceed 0.5kg/cm^2 (Bar). If the product is damaged due to excessive pressure, it will be borne by the customer. Forbidden to use the leak tester when there is water in the loop or the pump is running.

Bitspower recommends to use of distilled or pure water or Bitspower Pellucid Coolant as the water-cooling liquid. Also, the consumer can add Bitspower Dye to Pellucid Coolant for the color requirement. But please do not add any biocide by yourself. If the consumer chooses different water-cooling liquids, the resulting impurities may cause peeling off the coating on some of the hardware, water channels blockage by built-up residue, improper operation of the water pump, water tank tube breakage, and O-rings deformation or loss sealing leading to leakage. Any issues related to the use of inappropriate water-cooling liquid will be the responsibility of the consumer.

Do not turn on the pump if the reservoir is empty.