



## Parts List

BPTA-O11D\_A2.0\_FTK-DW

### A CPU Water Block

- A-1 BPTA-CPUMS-V2-SKA .....1 pc
- A-2 Intel Mounting Bracket .....1 pc
- A-3 Backplane assembly .....1 set

### B Fittings

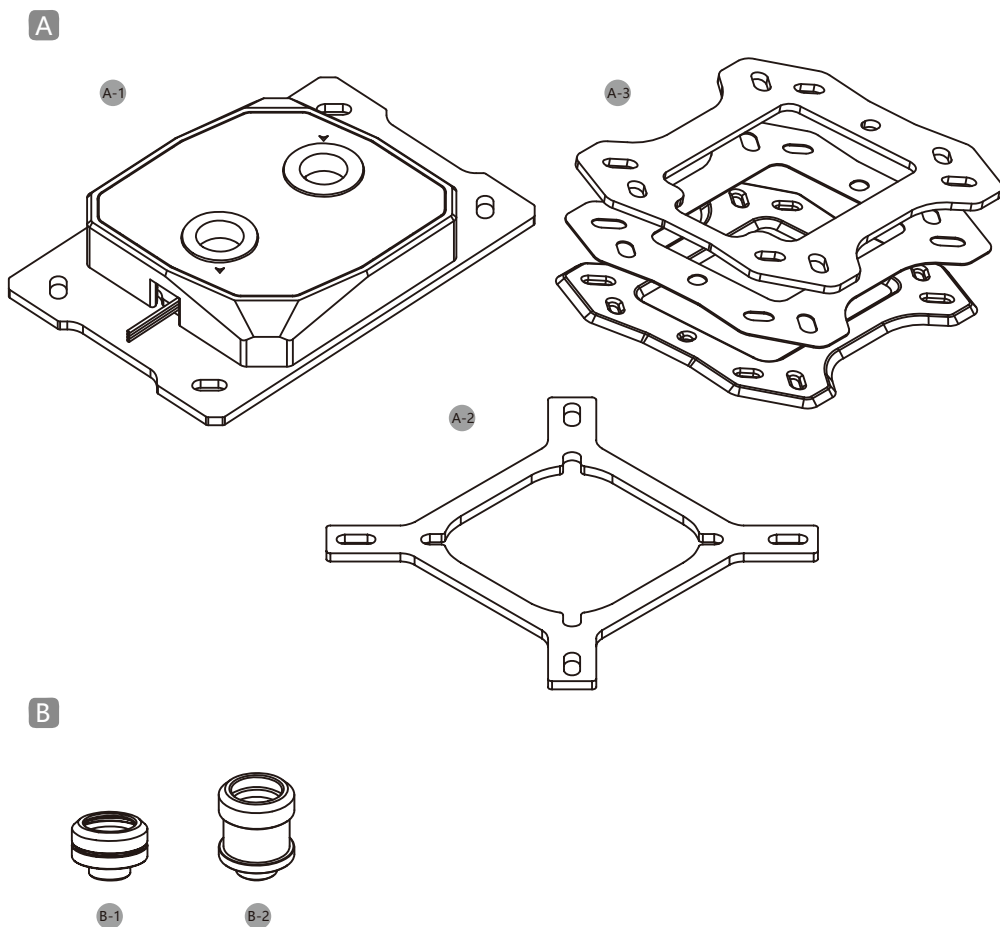
- B-1 BPTA-DOTFH1622 .....2 pcs
- B-2 BPTA-15ATFH16 .....2 pcs

### C Accessory

- C-1 Hard tube .....2 pcs
- C-2 Fitting + soft tube .....1 pc
- C-3 CPU set

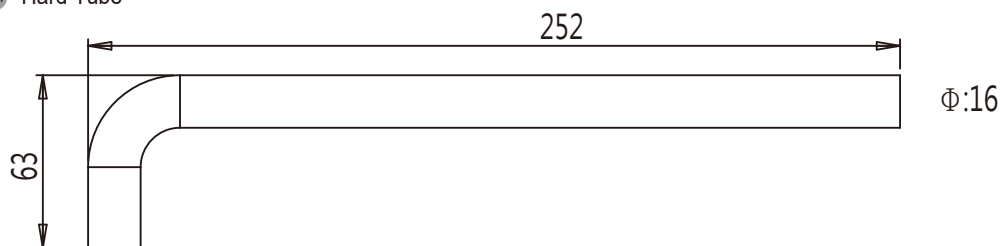
Thumb screw  
SPRING  
Thumb nut  
1mm Spacer  
M3x32mm Screw  
SC6-32M3  
Nylon cup washer

- C-4 BPTA-MKCPUMS-1700



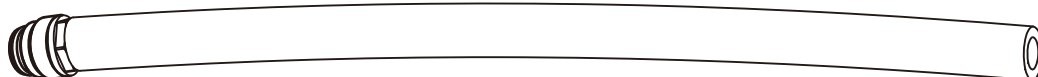
### C

- C-1 Hard Tube



※ The allowable variance in tube length is  $\pm 2\text{mm}$

- C-2 Fitting + soft tube



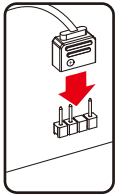
# I. AMD Motherboard system

**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](http://microcenter.com)

DRGB PIN on ❶ Motherboard or ❷ other equipment.

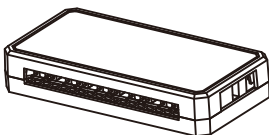
❶



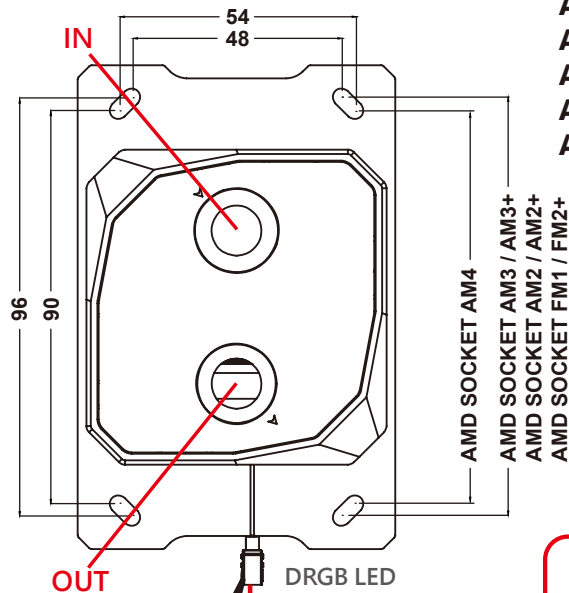
Motherboard

❷

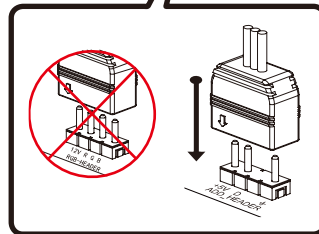
➔ BPTA-RFCHUB



Fan and DRGB RF Remote Controller Hub (Not included)

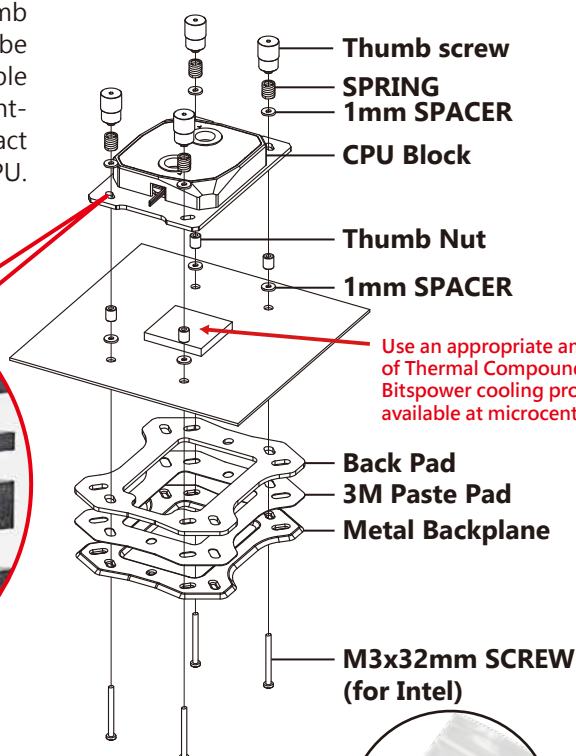


The CPU water block has a DRGB cable, which can be connected to the DRGB extension cable of the radiator fans.

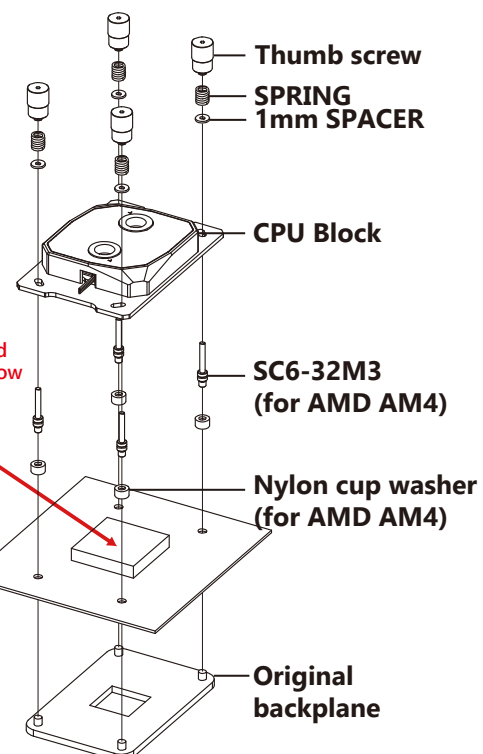


## Installation

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.



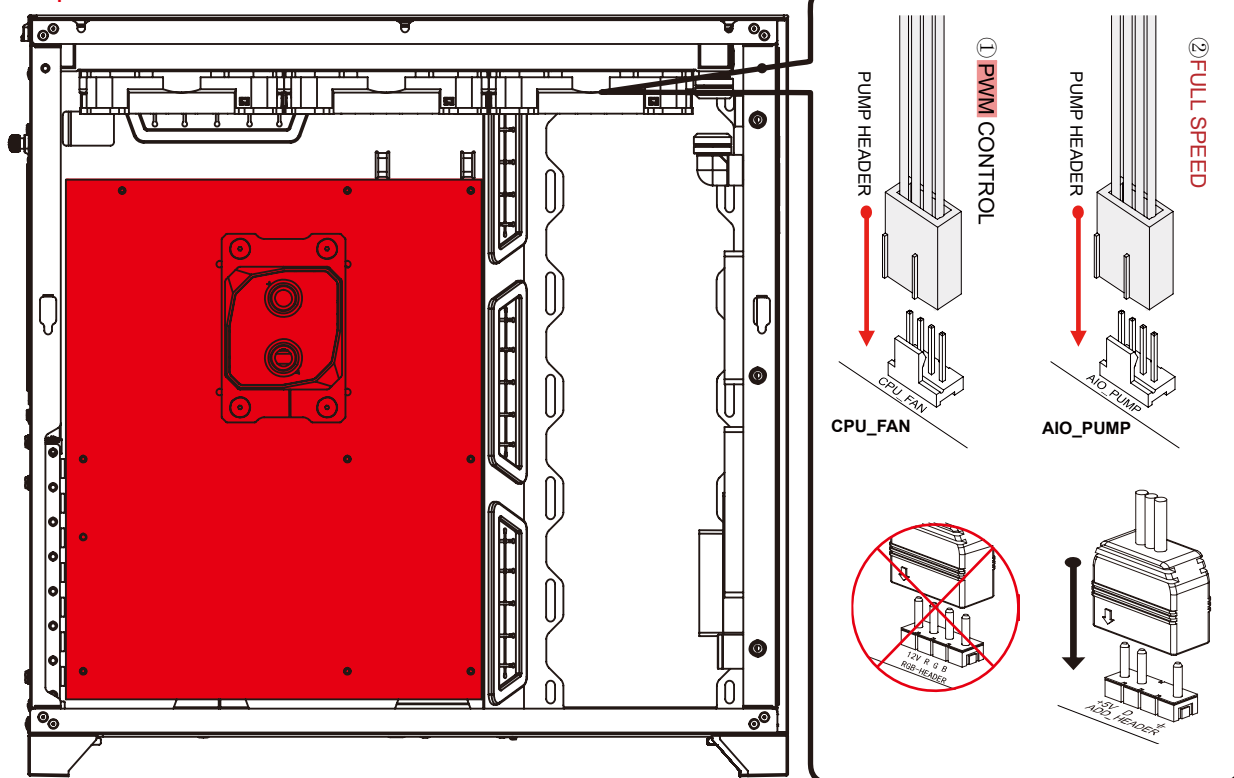
Use an appropriate amount of Thermal Compound, - high-end Bitspower cooling products are now available at [microcenter.com](http://microcenter.com).



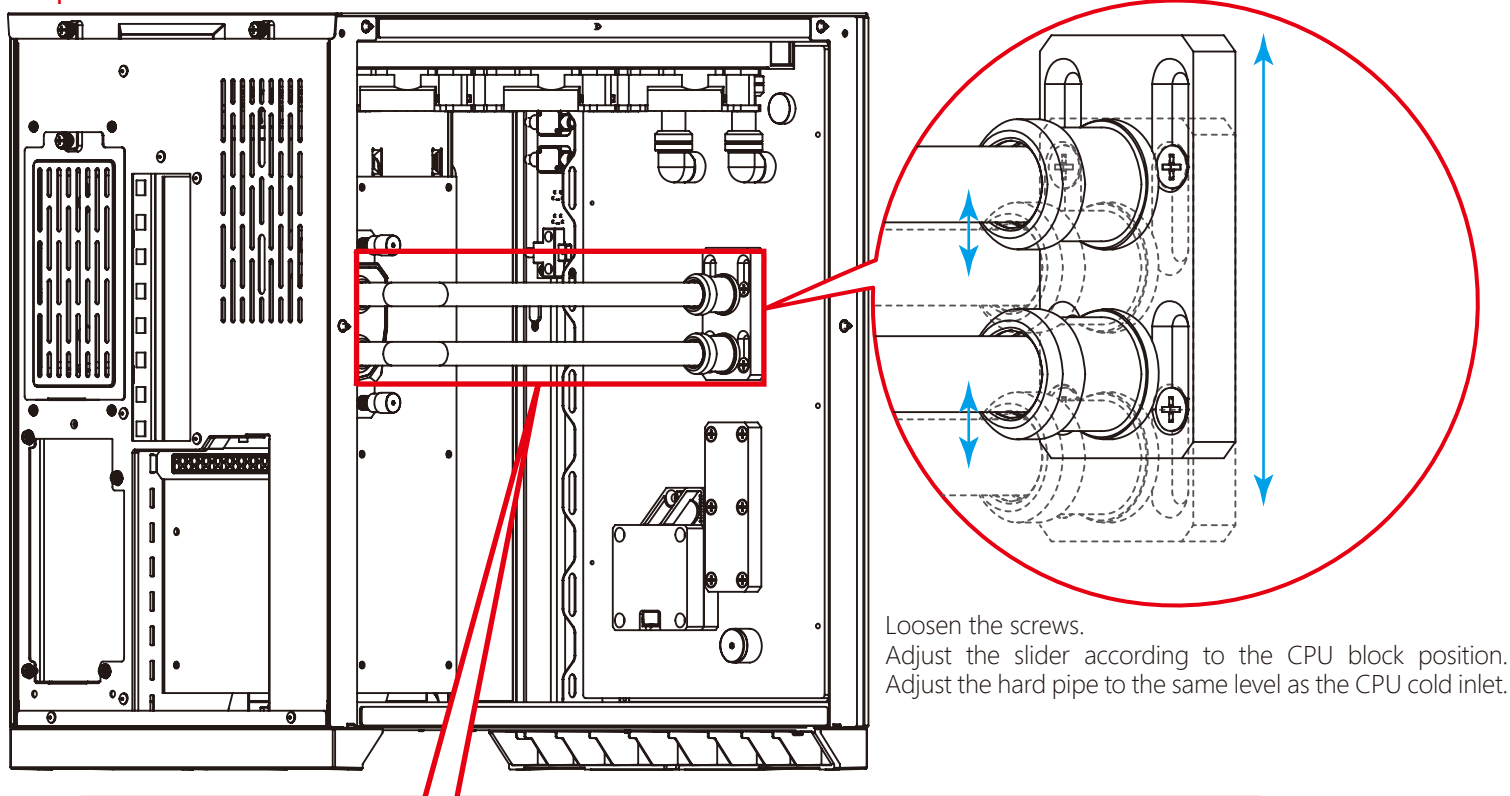
## II. AMD Chipset Installation

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

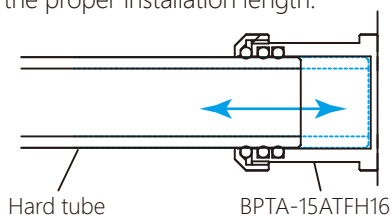
### Step 1



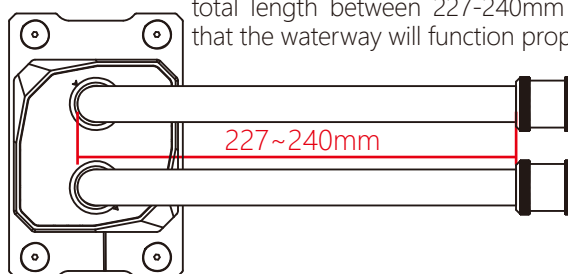
### Step 2



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.

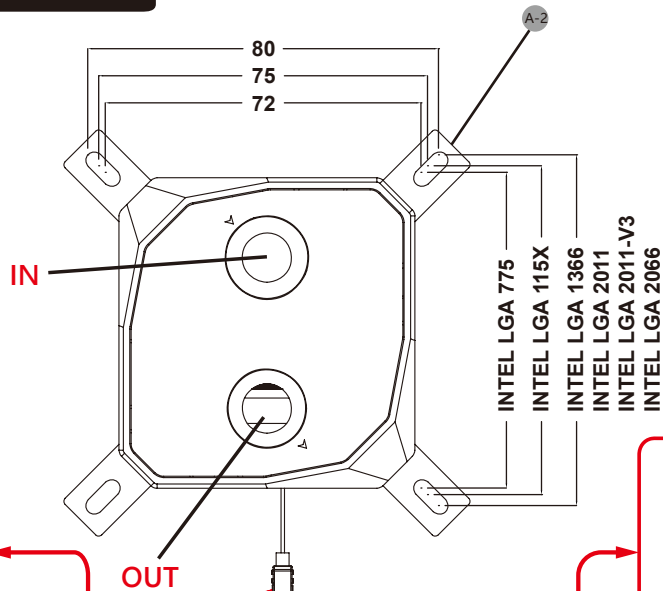
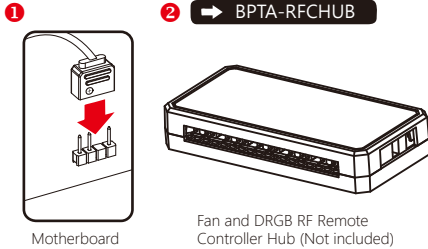


After the hard pipe is installed, please keep the total length between 227~240mm to ensure that the waterway will function properly.



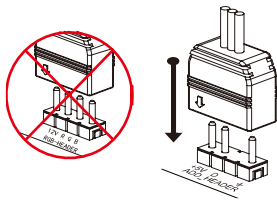
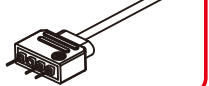
### III. Intel Motherboard system

Bitspower Fan and DRGB RF Remote Controller Hub (Not included) are now available at [microcenter.com](http://microcenter.com)  
 DRGB PIN on ❶ Motherboard or ❷ other equipment.



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

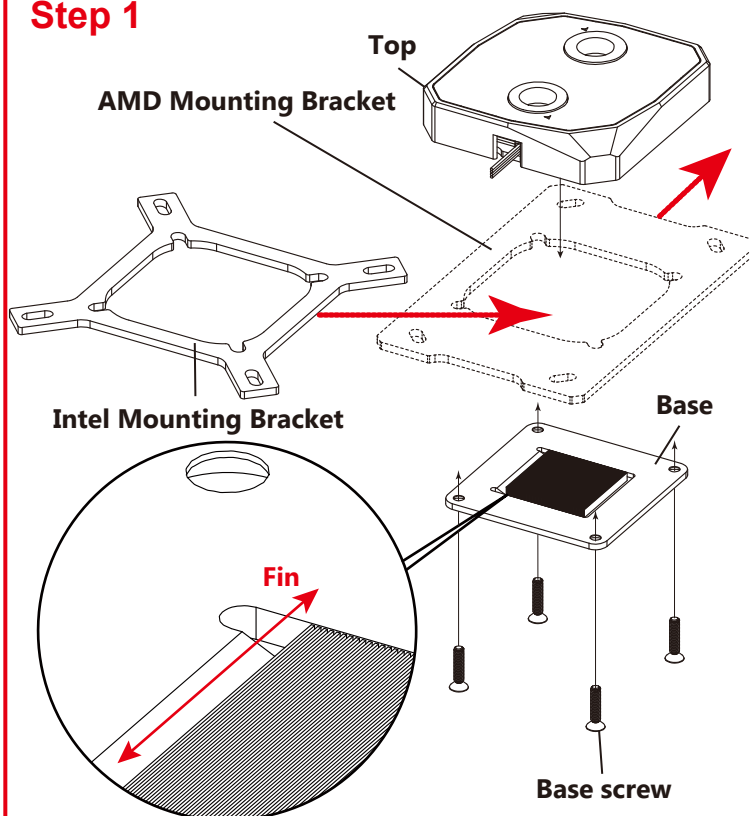
The CPU water block has a DRGB cable, which can be connected to the DRGB extension cable of the radiator fans.



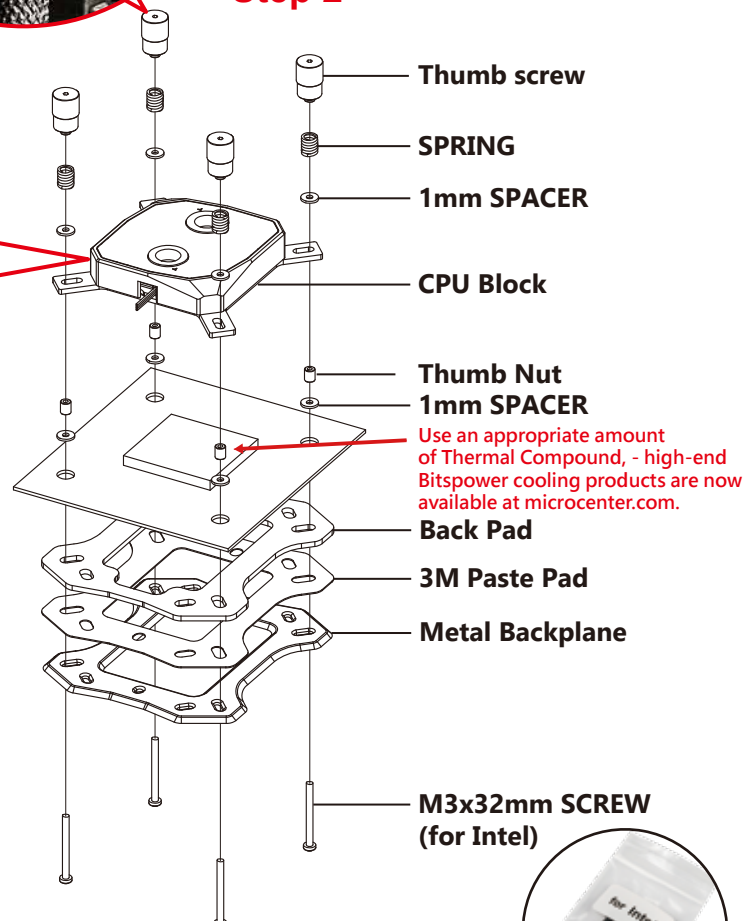
Do not over-tighten the thumb screws. The springs should be slightly compressed, with visible gaps in the spring coils. Over-tightening may result in poor contact between the water block and CPU.

### Installation

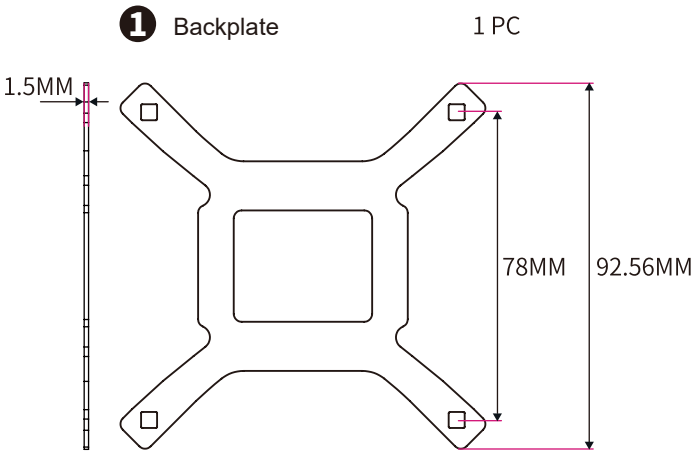
#### Step 1



#### Step 2



C-4 BPTA-MKCPUMS-1700



**2** Adjusting Nut 8 PCS



**3** Backplate Bolt 4 PCS

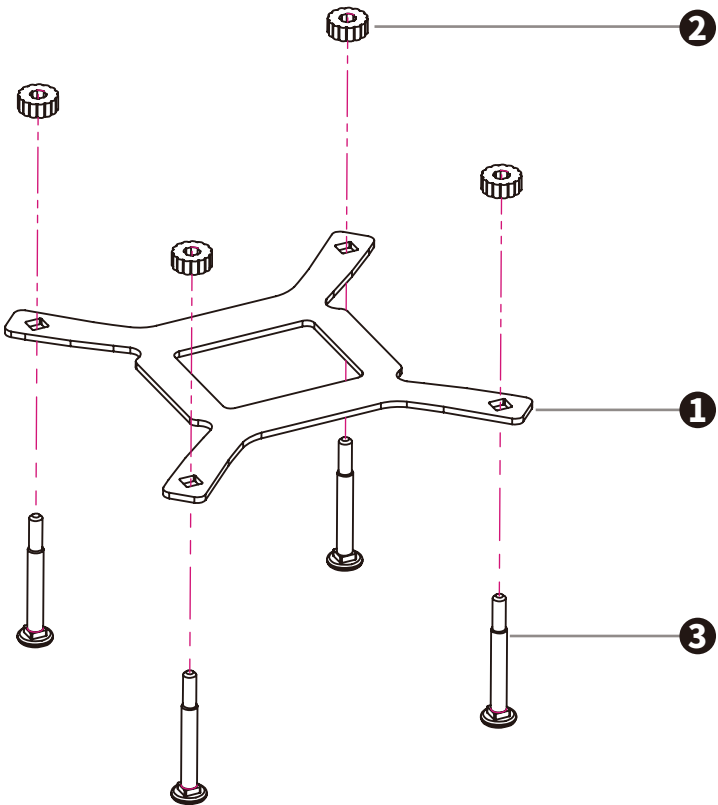


**4** Washer 4 PCS

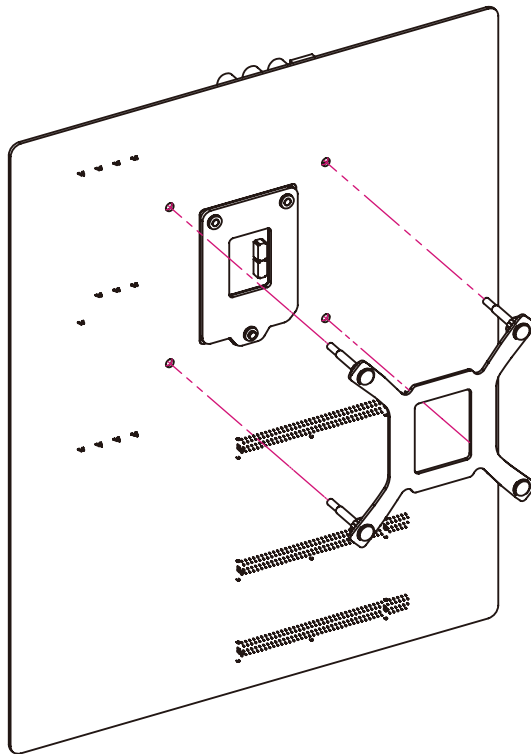


Assembly steps

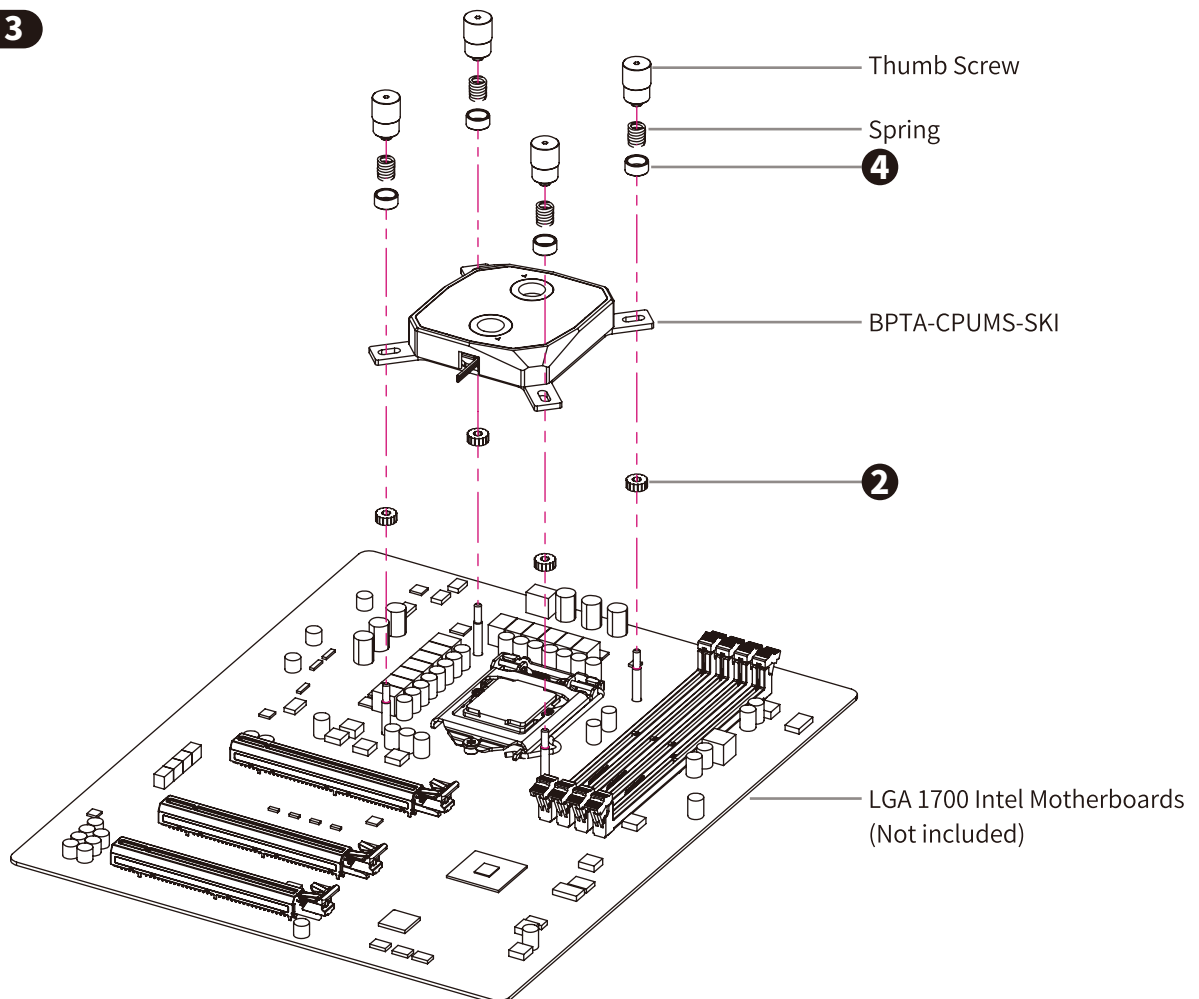
**step 1**



**step 2**



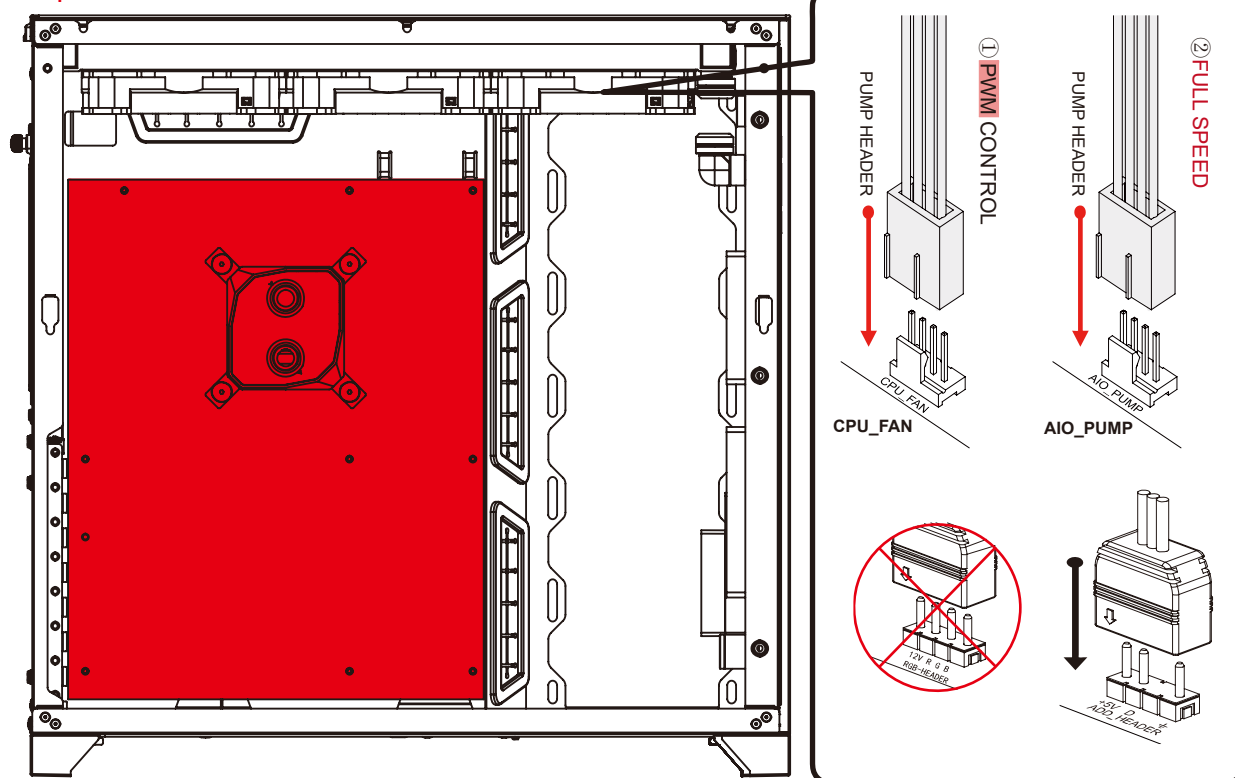
**step 3**



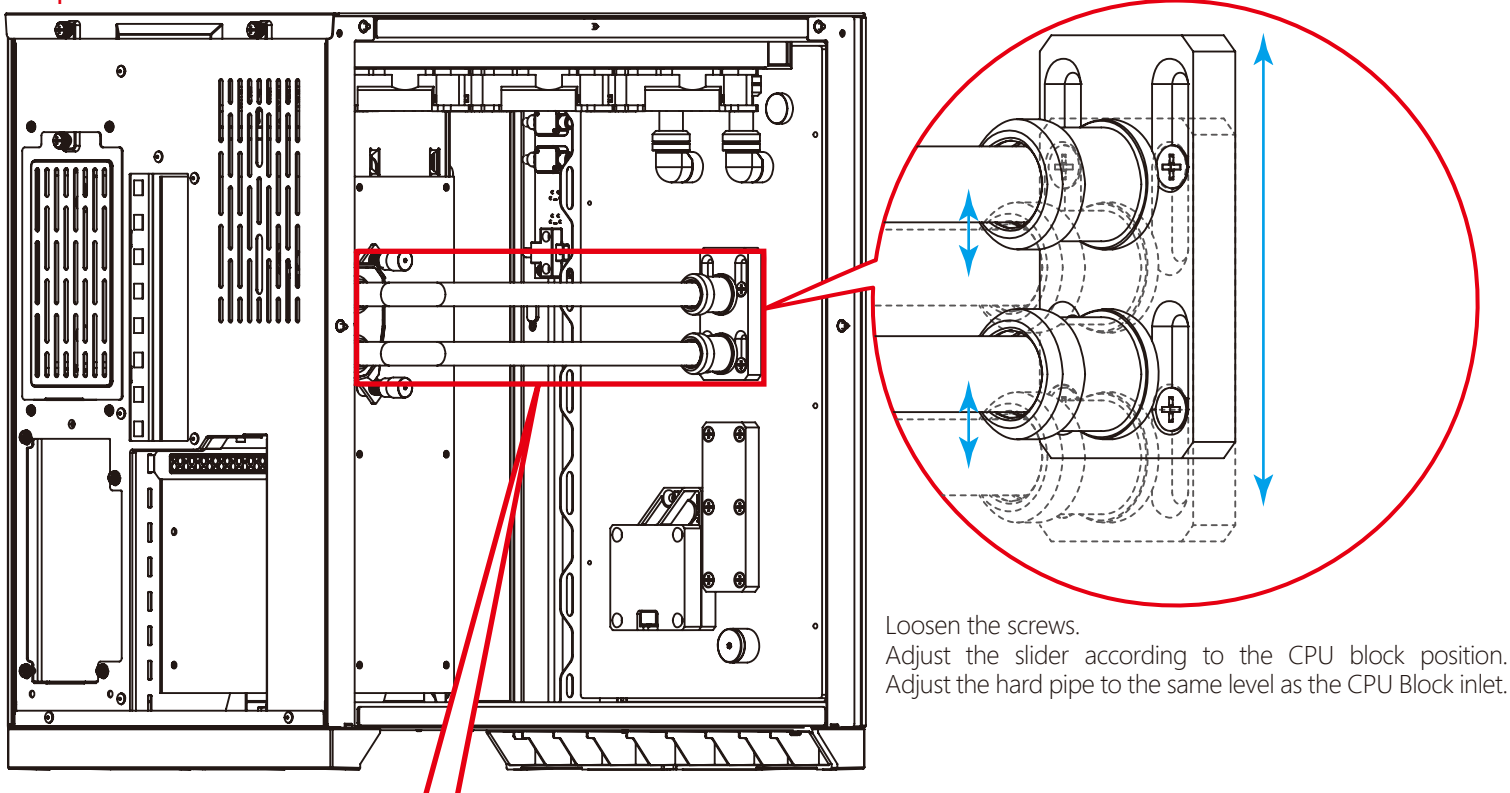
## IV. Intel Chipset Installation

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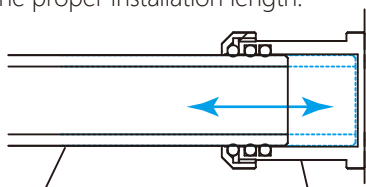
### Step 1



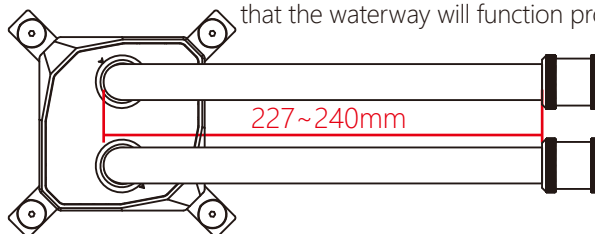
### Step 2



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.



After the hard pipe is installed, please keep the total length between 227-240mm to ensure that the waterway will function properly.



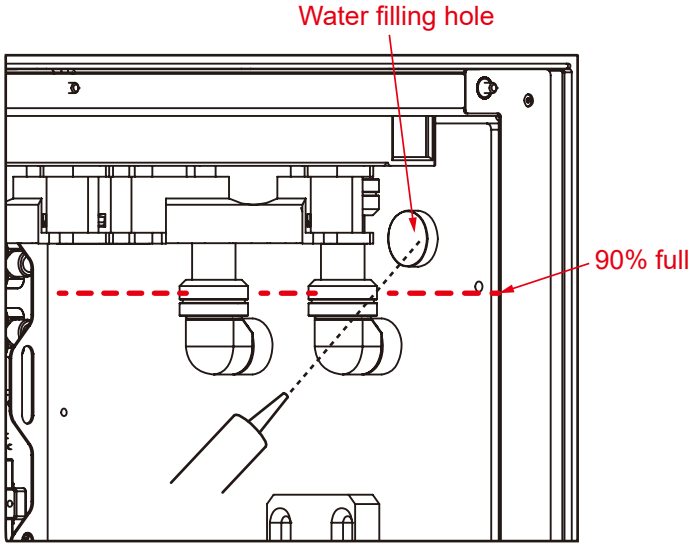


Pour the coolant into the reservoir via the water filling hole. Once the reservoir is 90% full, turn on the power supply for the pump to run and let the air exit the loop. Turn off the power supply when the reservoir is near empty. Repeat until all the air has exited the loop.

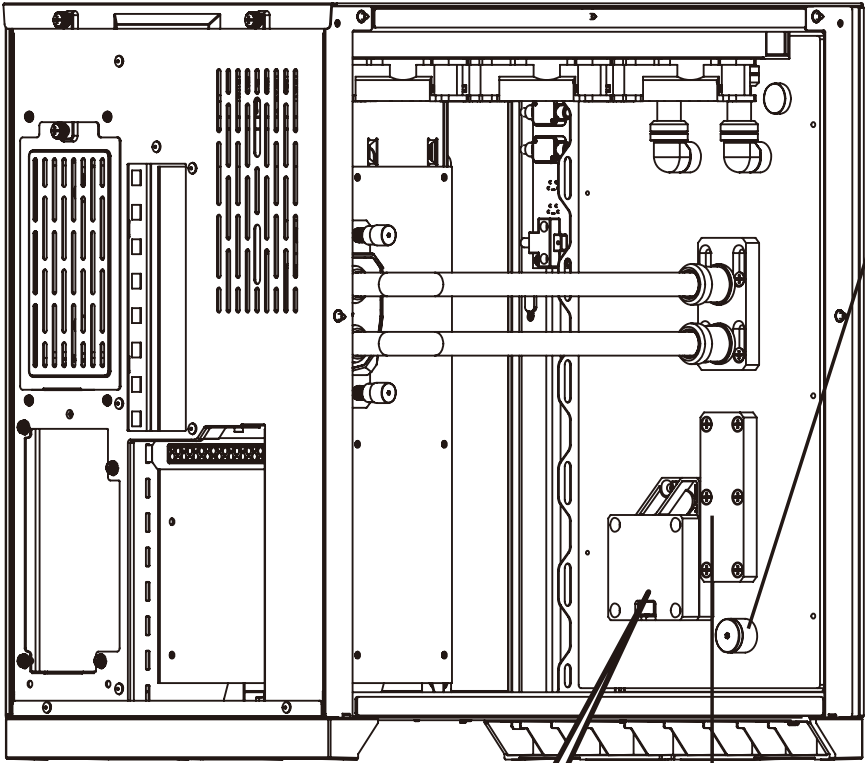
Notice : Do not turn on the pump if the reservoir is empty.

⚠ 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

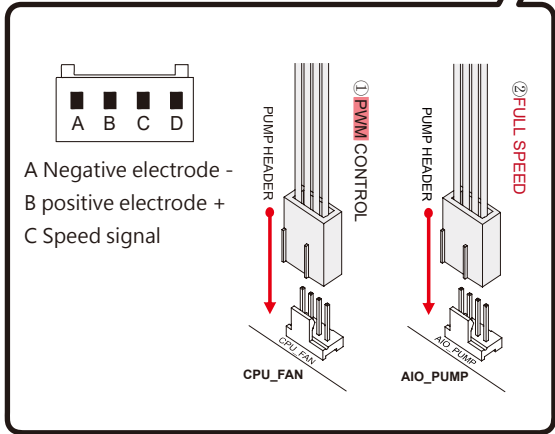
It is recommended to install the water-exhaust fitting at the lowest point of the water cooling system.

#### 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.



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

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



# 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.

Bitpower 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<sup>2</sup> (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.

Bitpower requires to use of distilled or pure water or Bitpower Pellucid Coolant as the water-cooling liquid. Also, the consumer can add Bitpower 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.