



# Phanteks Glacier One T30v2 Innovative Computer Hardware Design Installation Guide

[Home](#) » [PHANTEKS](#) » Phanteks Glacier One T30v2 Innovative Computer Hardware Design Installation Guide 

## Phanteks Glacier One T30v2 Innovative Computer Hardware Design Installation Guide

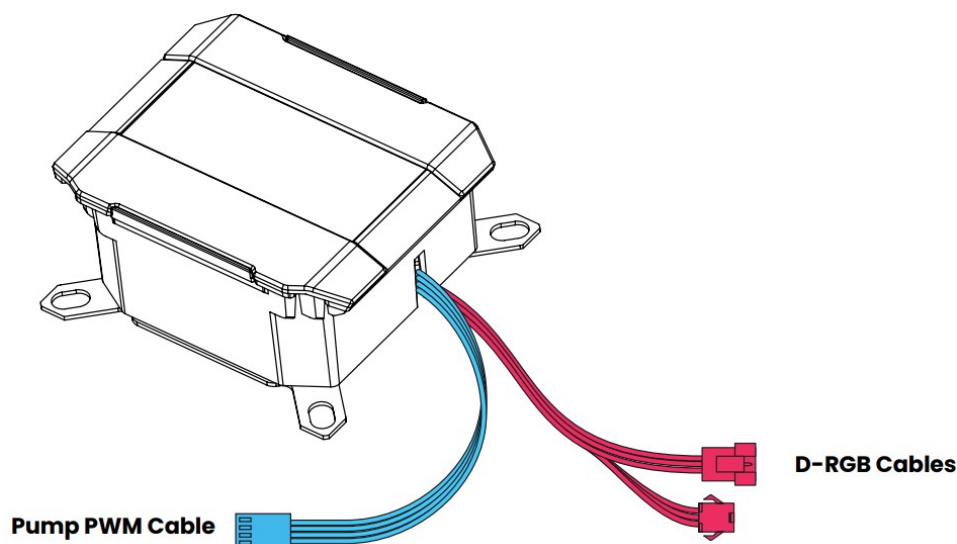


### Contents

- [1 CONNECT CABLES](#)
- [2 INSTRUCTIONS](#)
- [3 ACCESSORIES](#)
- [4 MOUNTING HARDWARE](#)
- [5 SET THE T30 FAN RPM MODE](#)
- [6 MOTHERBOARD PREPARATIONS](#)
- [7 INSTALLING THE PUMP BLOCK](#)
- [8 MOUNT THE RADIATOR AND FANS](#)
- [9 INSTALL THE TUBE CLIPS](#)
- [10 SUPPORT & WARRANTY](#)
- [11 Documents / Resources](#)
  - [11.1 References](#)
- [12 Related Posts](#)

## CONNECT CABLES

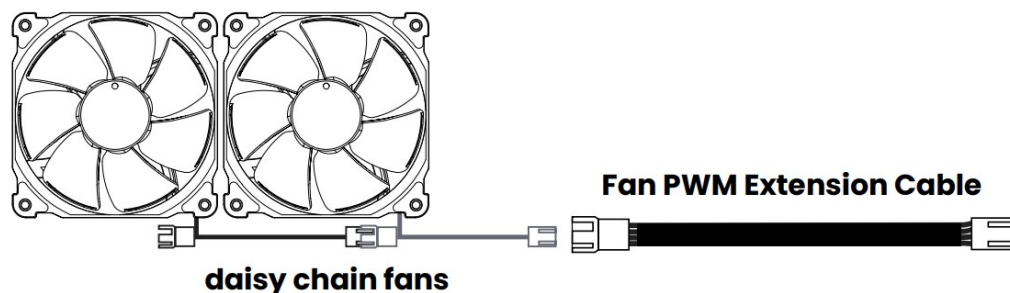
The Glacier One T30 Gen2 is a plug-and-play solution that allows direct controll from the motherboard.



## Pump & Fan cables

### A) Daisy-Chain T30 fans

Connect the Fans together with the Daisy-chain cables and use the Fan PWM Extension Cable to reach the motherboard.

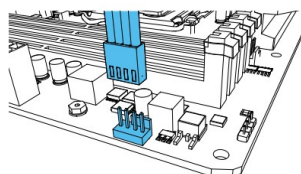


### B) Connect to the Motherboard

Choose between 2 configurations:

**B1)** Use the **PWM Splitter Cable** to connect the pump and fans to a single motherboard CPU header.

to Pump  
to Fans  
to Motherboard CPU header



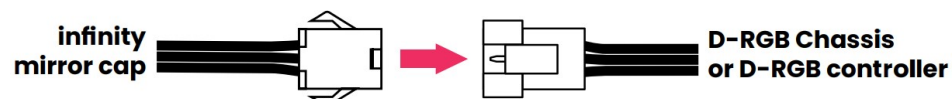
**B2)** If 2x CPU headers are available on the motherboard, the pump and fans can also be connected individually (without PWM Splitter Cable) for more precise control.

### D-RGB cable connection

The D-RGB lighting can be controlled through a D-RGB equipped Phanteks chassis/controller or motherboard.

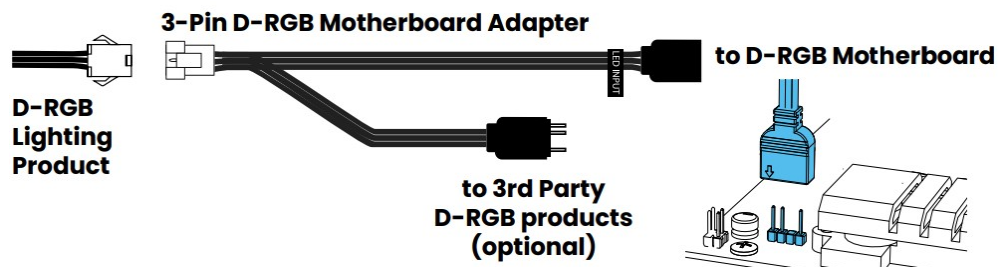
#### A) To Phanteks D-RGB Chassis/Controller

Connect the Infinity Mirror Cap to the Phanteks D-RGB controller



#### B) To D-RGB Motherboard

Use the 3-Pin D-RGB Motherboard Adapter to connect the D-RGB cable to a D-RGB equipped motherboard (A-RGB\*).



\*follow motherboard manual for instruction on D-RGB control

## INSTRUCTIONS

Thank you for choosing Phanteks. This manual will guide you through the installation process of the Glacier One T30 Gen2 AIO CPU Cooler. If you have any questions, please contact us through our customer service or social media. The T30 fan supports 3 different fan profiles via a switch on the fan hub. Please choose your preferred fan profile before installing the fan into your system. We recommend the default 'Performance mode'. The Glacier One T30 Gen2 is a plug-and-play solution that allows direct control from the motherboard.

**This manual is for the following models:**

**PH-GO240T30 GEN2**

**PH-GO360T30 GEN2**

Phanteks will not take responsibility for any damages incurred due to incorrect installation or usage of this product.

## ACCESSORIES

**4-PIN PWM SPLITTER CABLE 1x | 80mm**



**4-PIN FAN PWM EXTENSION CABLE 1x | 500mm**



**3-PIN D-RGB MOTHERBOARD ADAPTER 1x | 600mm**



**PH-NDC THERMAL COMPOUND 1x**



**TUBE CLIPS 3x**



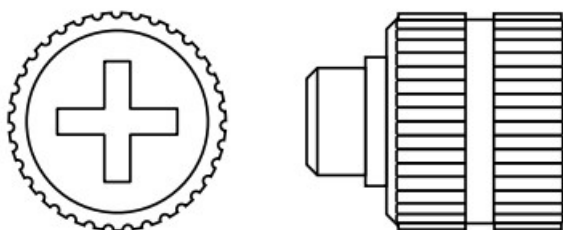
**MOUNTING HARDWARE**

**INTEL STAND-OFF 4x**

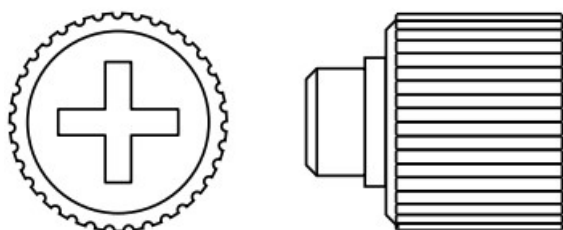


31

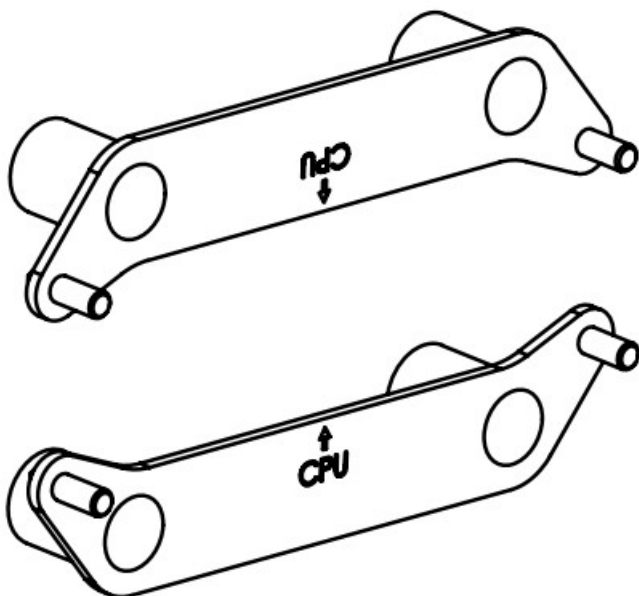
**1700/AM5 THUMB NUT 4x**



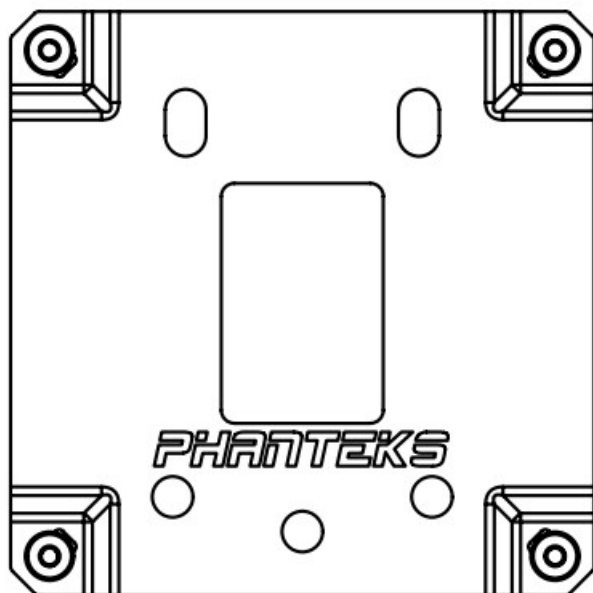
**1200/AM4 THUMB NUT 4x**



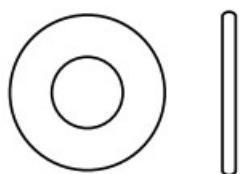
**AMD AM4/AM5 BRACKET 2X**



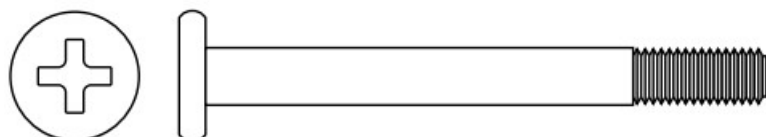
**INTEL 1200/1700 BACKPLATE 1X**



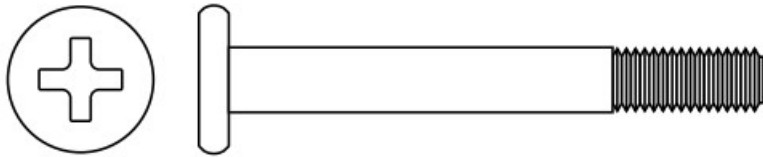
**WASHERS 8x/12**



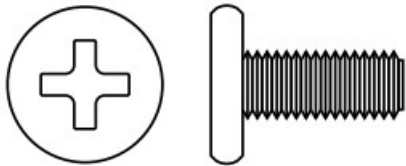
**39mm HALOS SCREWS 8x/12x**



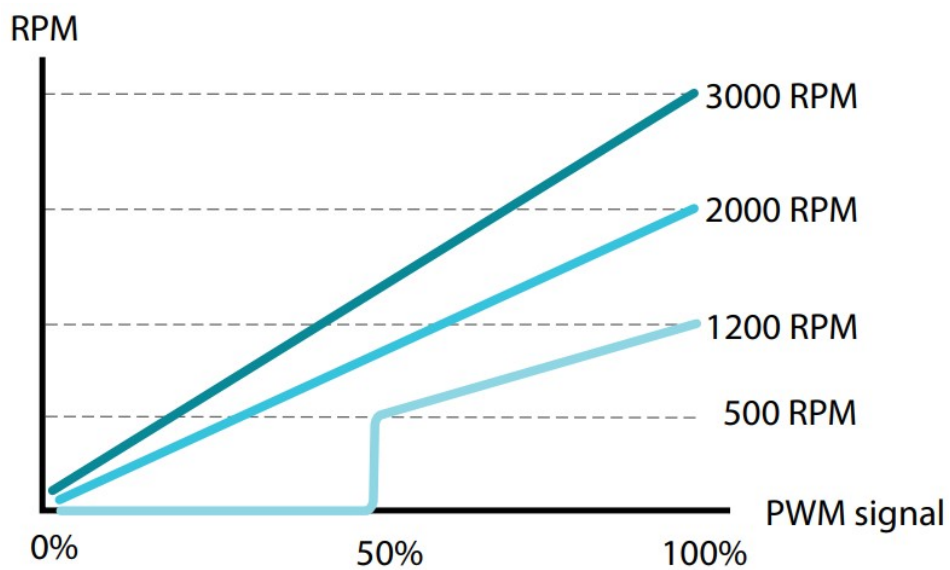
**36mm FAN SCREWS 8x/12x**



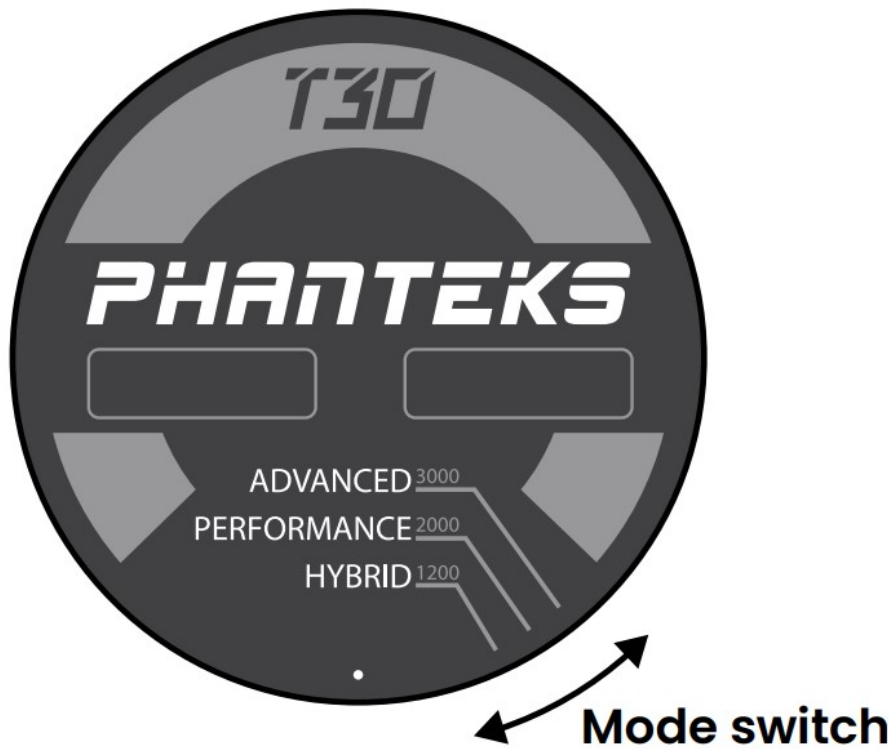
**5mm RADIATOR SCREWS 8x/12x**



### SET THE T30 FAN RPM MODE



- Advanced mode
- Performance mode (recommended)
- Hybrid mode



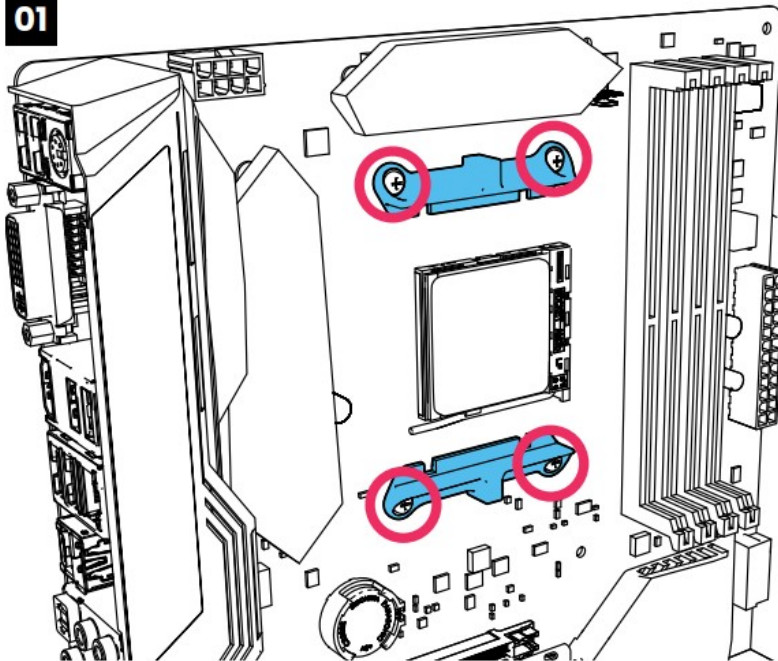
## MOTHERBOARD PREPARATIONS

Follow the instructions for the corresponding socket

### AMD SOCKET AM4|AM5

Remove the stock mounting brackets.

01

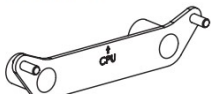


Secure the 2x AM4/AM5 bracket to the motherboard with the original 4x mounting bracket screws

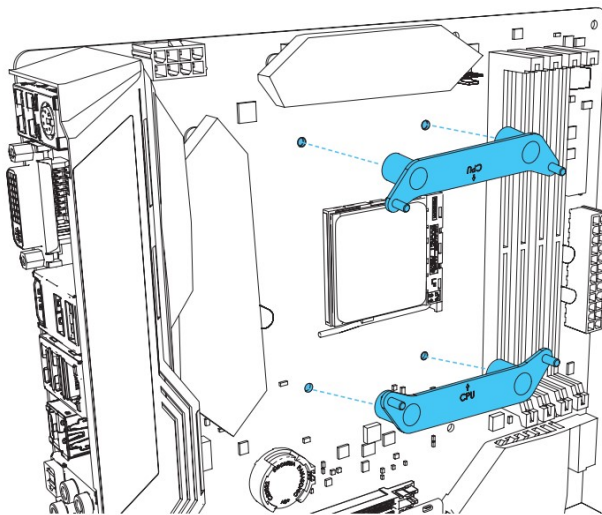


**02**

INSTALL  
**AM4/AM5  
BRACKET** 2x

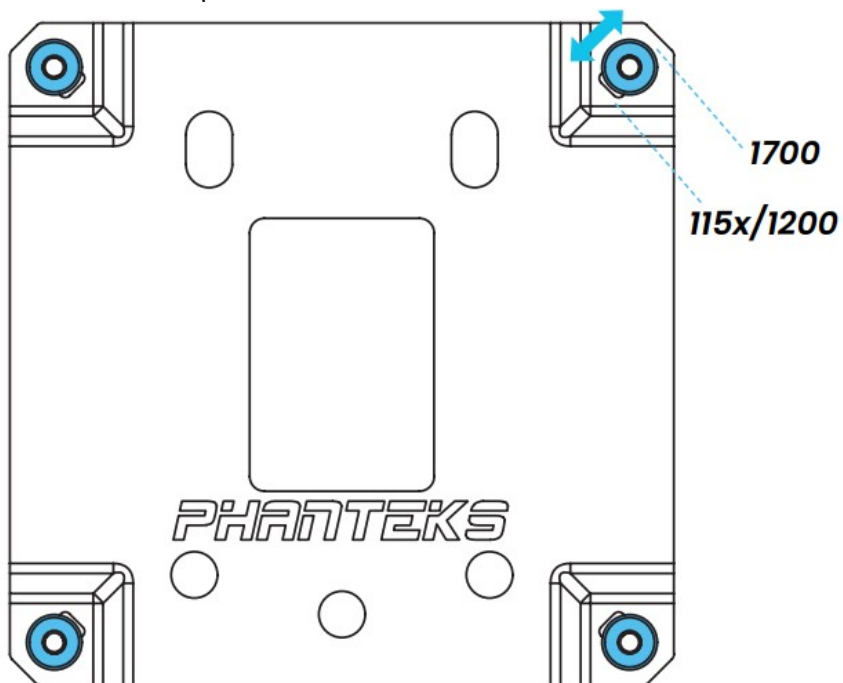


**AMD SCREWS** 4x

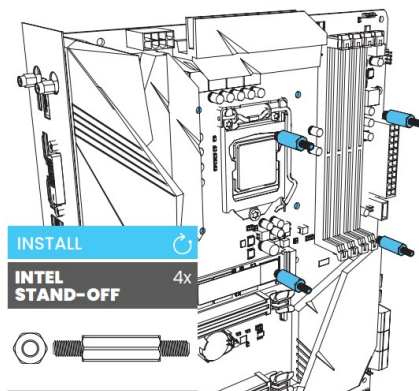
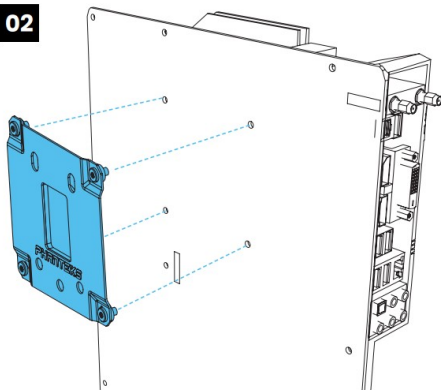


## INTEL SOCKET 115X / 1200 / 1700

Prepare the Intel Backplate for the correct socket.

**01**

Secure the Intel Stand-offs to the motherboard and Intel Backplate.

**02**

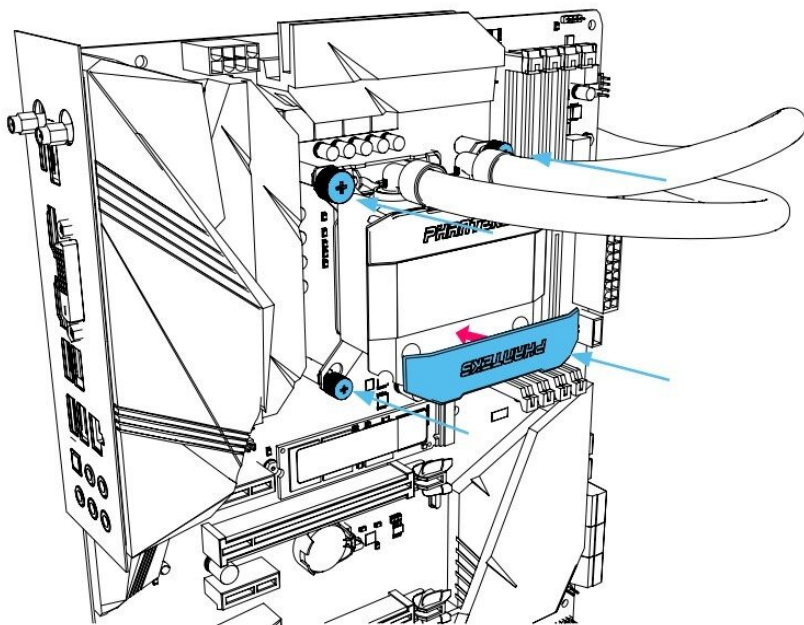
INSTALL  
**INTEL  
STAND-OFF** 4x



## INSTALLING THE PUMP BLOCK

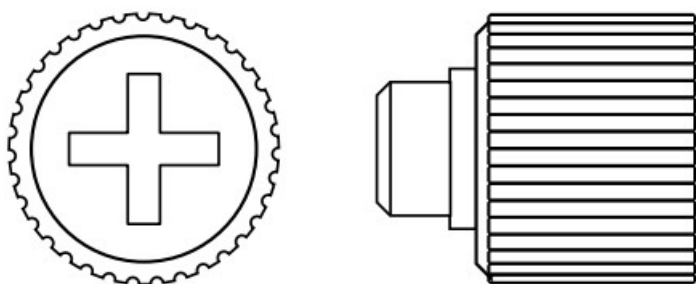


1. Secure the pump unit to the standoffs on the motherboard with the correct 4x Thumb Nuts for the corresponding socket.
2. Attach the pump cap back on the pump after securing the thumb nuts.

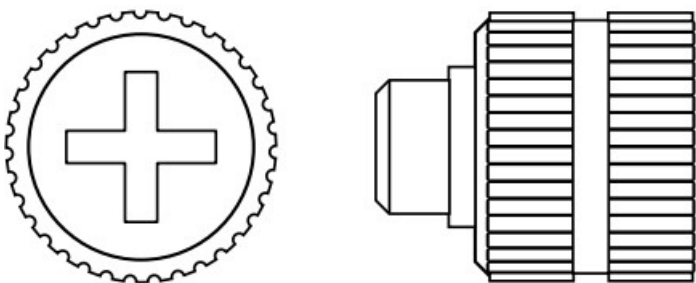


## INSTALL

### AM4 | 115X | 1200 THUMBNUTS



### AM5 / 1700 THUMBNUTS



#### PRO TIP

For best performance position the tubes towards the top or bottom of the socket.



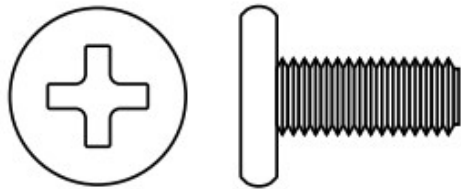
#### PRO TIP

The thermal compound is pre-applied. More thermal compound is included for future installations

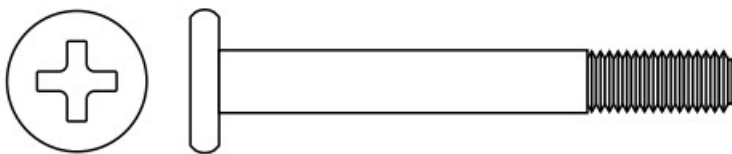
## MOUNT THE RADIATOR AND FANS

We recommend to install the fans to the radiator before mounting it into the chassis. 3 Types of screws are included to mount the radiator and the fans in different options:

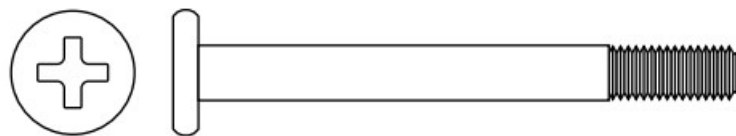
Use the 5mm radiator screw to mount the radiator directly to the chassis.



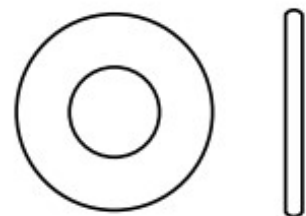
Use the 36mm fan screw to mount the fan to the radiator (and chassis).



Use the 39mm Halos screw to mount the Halos and fans to the radiator (and chassis)



Use the optional washers if necessary on the chassis for a secure fit.

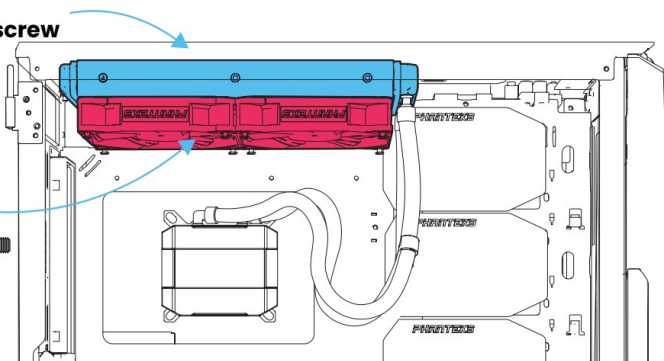
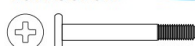


### Option A:

**5mm radiator screw**

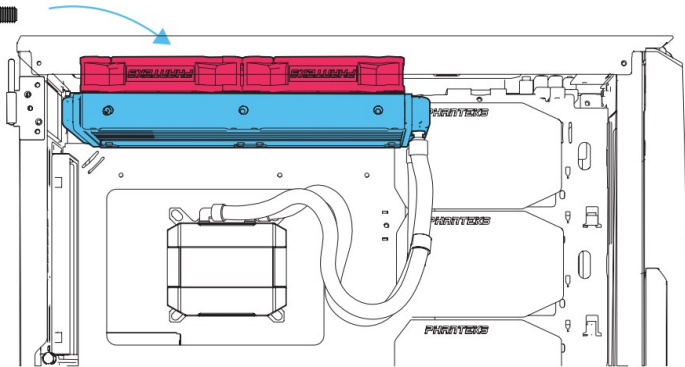


**36mm fan screw**



### Option B:

**36mm fan screw**

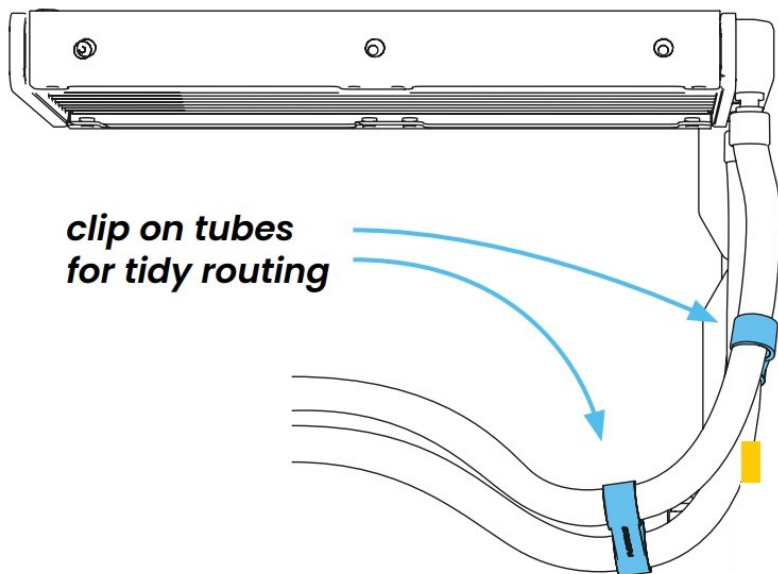
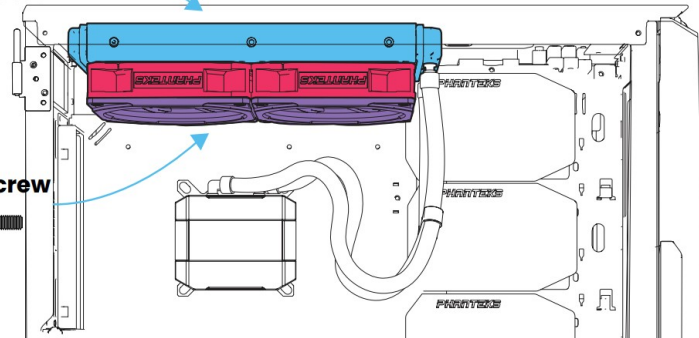


**Option C (When using Halos only)**

**5mm radiator screw**

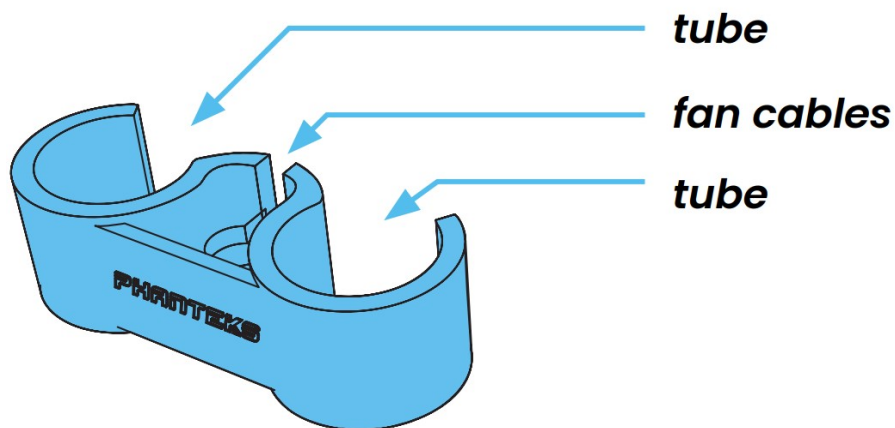


**39mm Halos screw**



## INSTALL THE TUBE CLIPS

Optional: Install the (3x) included tube clips for a tidy tube routing. Simply snap the clips on the tubes.



#### PRO TIP

Fan cables can be routed through the middle of the Tube Clips

## SUPPORT & WARRANTY

As a Phanteks customer, you are priority number one. We have a dedicated team across the globe to deliver the experience you deserve.

#### CUSTOMER CARE

RMA and Technical Support Americas

Hours : Monday-Friday 9:00-5:00 PST

Phone number : +1(909)598-2115

Email : [support@phanteksusa.com](mailto:support@phanteksusa.com)

Facebook : @Phanteks

For spare parts and optional upgrades please visit:

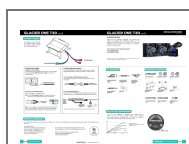
[www.axpertec.com](http://www.axpertec.com) (EU) | [www.phanteksusa.com](http://www.phanteksusa.com) (US)

RMA and Technical Support International

Email : [support@phanteks.com](mailto:support@phanteks.com)

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## Documents / Resources



[Phanteks Glacier One T30v2 Innovative Computer Hardware Design \[pdf\]](#) Installation Guide

Glacier One T30v2 Innovative Computer Hardware Design, Glacier One T30v2, Innovative Computer Hardware Design, Computer Hardware Design, Hardware Design

## References

- [Axpertec International B.V – Axpertec International B.V.](#)
- [Phanteks Innovative Computer Hardware Design](#)
- [Phanteks Online Store](#)