



***2U Bay Drives
Liquid Cooling Solution***

P/N:CLW0220

User's Manual

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You, the buyer, agree to this warranty and its term set within its expressed and implied limited warranty. This limited warranty gives you specific legal rights, and you may also have other right that varies from jurisdiction to jurisdiction.

CAUTION

Before installing Thermaltake Bigwater 760 PRO Liquid Cooling System, we strongly suggest you to read the manual thoroughly and make sure all components are included in the package. Please do follow the installation guide step-by-step.

Improper installation may cause serious damage to the system as well as to the water cooling unit. Thermaltake will not responsible for any damages due to incorrect installation and incorrect usage of this product.

Note:

Compatible with mid-tower and full-tower chassis, please double check on the size before purchase.

Specification

P/N: CLW0220

2U Bay Drives

Dimension	252.8mm(L) X 145.8mm(W) X 84mm(H)
Weight	1.5(kg)

Application

CPU	Intel LGA2011/LGA1366/LGA1156/LGA1155/LGA1150/LGA775 AMD FM2/FM1/AM3+/AM3/AM2+/AM2
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Water Block

Material	Copper
Dimension	∅ 45mm X 35mm(H)
Connector	For 9.5mm ID (3/8") tubing
Weight	156(g)

Pump

Dimensions	75(L) x 70(W) x 75(H) mm
Bearing	Ceramic bearing
Maximum Capacity	500 L/ hr
Rated Voltage	DC 12V
Input current	600 mA
Connector	3 pin
Noise	16 dBA
Life time	80,000 hours (MTBF)

Radiator

Dimension	144.3(L) x 120(W) x 33(H) mm
Material	Aluminum
Connector	For 9.5mm ID (3/8") tubing

Fan

Fan Dimension	120(L) x 120(W) x 25(H) mm
Fan Speed	1600 ~ 2400 RPM
Rated Voltage	12V
Noise	29.4 ~ 39.9 dB
Life Expectancy	30,000 hours
Fan Connector	3 pin

Liquid Tank

Dimension	79.9 (L) x 67.8(W) x 76.4(H) mm
Capacity	270 c.c

Tube

Dimension	9.5mm ID(3/8") tube
Material	Green UV

Coolant

Capacity	500 c.c
Major Material Ingredient	Propylene Glycol

Components check

A Liquid cooling module x 1



B CPU Waterblock x 1



C UV sensitive 500 c.c. Coolant x 1



D Refill Bottle x 1



E ID 9.5mm(3/8")UV sensitive Water Tube 150cm x 1



Parts List

F Grease x 1



G Back plate x 1



H Long screws x 4



I Plastic stud x 4



J Nuts x 4



K Mounting bars (AMD) x 2



L Hose clips x 4



M 6mm screws x 6



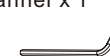
N Screws (Intel LGA2011) x 4



O Washer x 4



P L-Shaped Hexagonal Spanner x 1



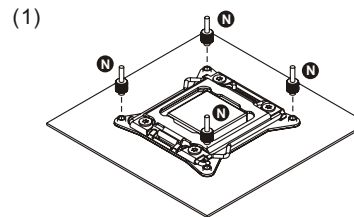
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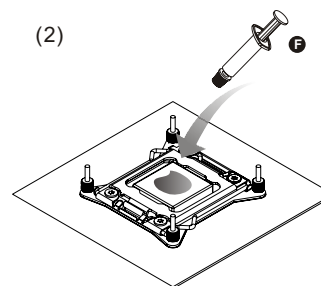
1. Installation steps

1-1. Step 1 Install Clip on Motherboard

Intel LGA2011



Secure LGA2011 screws(N) on the motherboard.



Apply a thin layer of grease (F) onto the CPU.

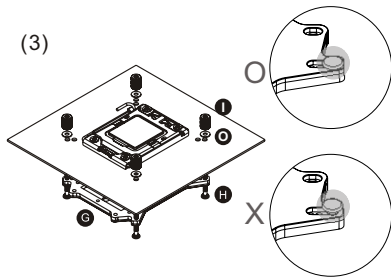
Intel LGA1366 / 1156 / 1155 / 1150 / 775



● 1366 ● 1156 / 1155 / 1150 ○ 775

Before Installation, please verify the CPU platform and select the appropriate holes for your CPU socket.

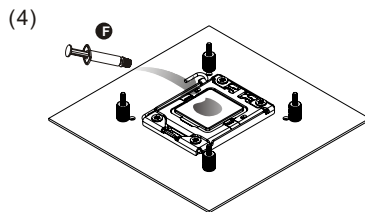
Please verify the sponge on the back plate(G) should be face the motherboard.



Insert the four long screws(H) through the back plate(G) into the four holes on the motherboard and secure them with the four plastic studs(I) evenly.

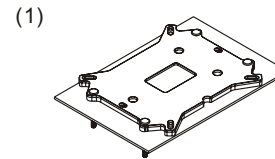
Caution:

Please verify the four long screws are put into the holes fully.

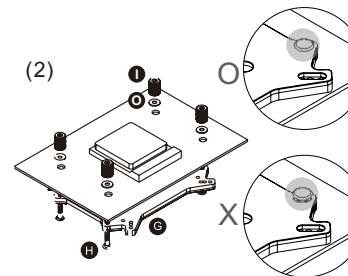


Apply a thin layer of grease (F) onto the CPU.

AMD FM2 / FM1 / AM3+ / AM3 / AM2+ / AM2



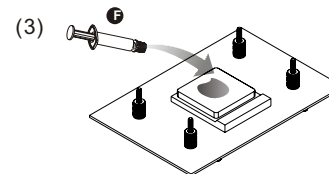
Please verify the sponge on the back plate(G) should be back the motherboard.



Insert the four long screws(H) through the back plate(G) into the four holes on the motherboard and secure them with the four plastic studs(I) evenly.

Caution:

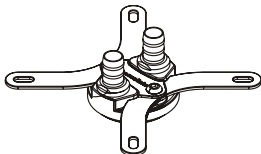
Please verify the four long screws are put into the holes fully.



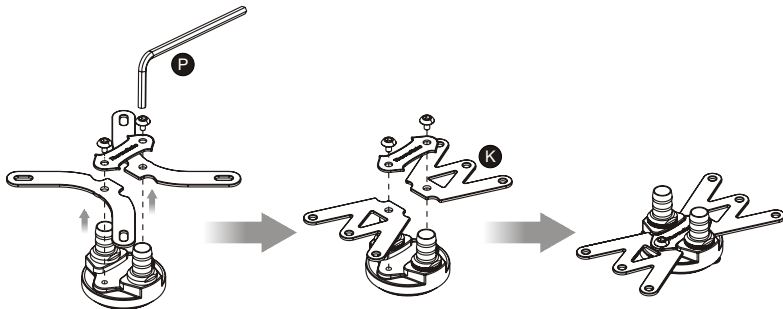
Apply a thin layer of grease (F) onto the CPU.

1-2. Step 2 Install Clip onto Waterblock

Intel Don't need to change clips!



AMD Please change AMD Mounting bars(K) with Hexagonal Spanner(P).

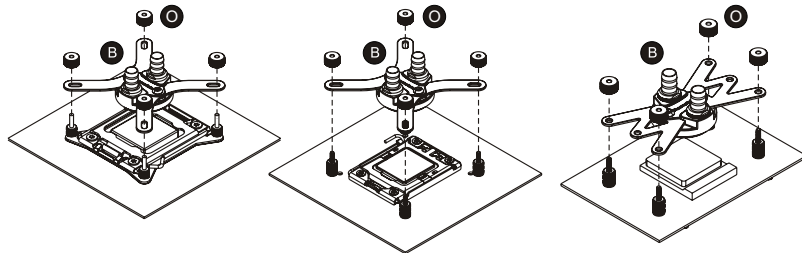


1-3. Step 3 Install Waterblock onto CPU

Intel LGA2011

Intel LGA1366 / 1156 / 1155 / 1150 / 775

AMD FM2 / FM1 / AM3+ / AM3 / AM2+ / AM2



Place the assembled waterblock (B) onto the CPU and tighten each fixing bolt evenly.

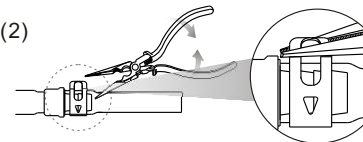
1-4. Step 4 Install Water tube on Liquid cooling module

(1)



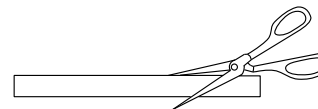
Insert the hose clip(L) through the water tube(E).

(2)



Connect the tube with the liquid cooling module(A) and use pliers to tighten the hose clip(L).

(3)



First determine the length required for tubing from liquid cooling module(A) to waterblock(B). Then cut the tubing accordingly.

(4) Repeat the installation steps for the other side shown on photo.

1-5. Step 5 Install the Liquid cooling module

For ease of use, Thermaltake recommends placing the liquid cooling module(A) into the following 5.25" bay drive position :

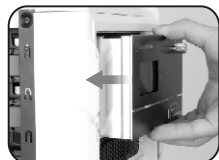
Full Tower : 3rd or 4th 5.25" bay drive from the top.

Mid Tower : 2nd or 3rd 5.25" bay drive from the top.

- (1) Remove the drive bay cover from the selection position.
(The following diagrams are the Thermaltake Overseer RX-I Snow Edition case.)



- (2) Insert the liquid cooling module(A) into 5.25" drive bay.



Note.

If your case doesn't have the free clip, please secure the liquid cooling module(A) by 5mm screws(M).



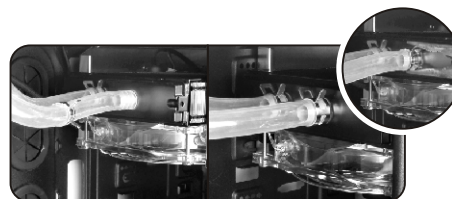
1-6. Step 6 Install Water tube onto Waterblock



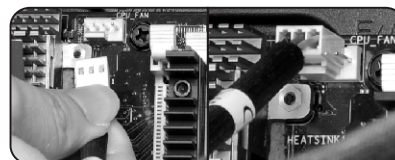
- (1) Insert the hose clip(L) through the water tube connecting the liquid cooling module(A).



- (2) Connect the tube with the waterblock(B), and use pliers to tighten the hose clip(L).



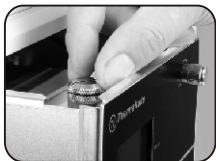
- (3) Repeat the installation steps for the other side shown on photo.



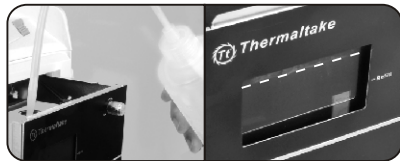
- (4) Connect the 3pin wire to the motherboard's CPU fan connector (3pin or 4pin).

1-7. Step 7 Fill Coolant

(1) Open the cover of liquid tank.



(2) Fill the tank up with coolant.



(3) Turn on the PC power switch.



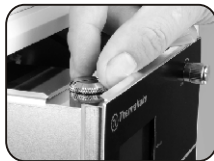
(4) Liquid level will decrease when you power on the system, please keep filling coolant until the tank is filled up.



(5) Please make sure liquid is flowing continuously and smoothly within the tube.



(6) Close the cover of liquid tank.



(7) Adjust the fan speed.

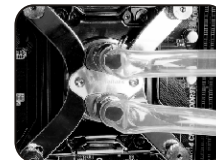


(8) Turn off the PC power switch.



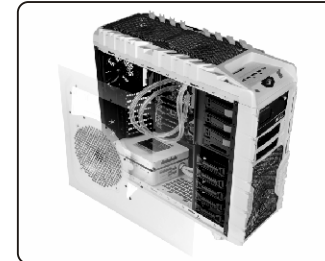
Note :

- (1) If bubbles are forming within the tubing , you may tap the tube gently to remove them until all are gone.
- (2) After installation is completed, please ensure there are no bent tubings.



1-8. Step 8 Power on the system

- (1) Turn on the PC power switch.
- (2) Installation completed.



2. Q & A

Q: How often do I have to refill the coolant?

A: When the liquid is under refill line, please follow the installation step 7 to refill the coolant.

Q: Why does the flow rate seem low during the initial operation of liquid cooling system?

A: When liquid cooling system is turned on for the first time, the pump needs to push all the air out and allow liquid to fill up the loop. The low flow rate at the beginning is normal, after 10~15 minutes of operation, flow rate will gradually pick up and back to normal.

English

Please visit our Support Section for more technical support or update at www.thermaltake.com

Deutsch

Bitte besuchen Sie unsere Kundendienstabteilung für weitere technische Unterstützung oder Updates unter www.thermaltake.com

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Veillez vous reporter à la Partie Support pour un support technique ou une mise à jour sur www.thermaltake.com

Español

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Per maggiore assistenza tecnica o aggiornamenti, visitare la sezione sull'assistenza all'indirizzo www.thermaltake.com

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更多相關產品資訊與技術支援，請查詢本公司官方網站 www.thermaltake.com

简体中文

如需技术支持或更新，请访问我们的支持区域，网址为 www.thermaltake.com

日本語

詳細な技術サポートについては、当社のサポートセクション www.thermaltake.com にアクセスしてください。

Русский

Для получения более подробной и обновленной технической информации посетите Раздел поддержки на нашем сайте www.thermaltake.com

Türkçe

Daha fazla teknik destek almak veya güncellemeler için lütfen www.thermaltake.com adresinden Destek Bölümümüzü ziyaret edin.

ภาษาไทย

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