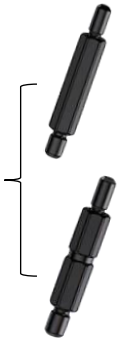
Mainstream Liquid Cooler Installation Guide – TR4/TR5

1. INSTALL 4 PCS. STANDOFFS TO CPU SOCKET

Tighten the standoffs until the shoulder on the M3.5 thread contacts the threaded studs on the CPU socket.



CPU M3.5 socket studs (4pcs.)



Standoff x4 pcs. (TR4/sTRX4/SP3)

or

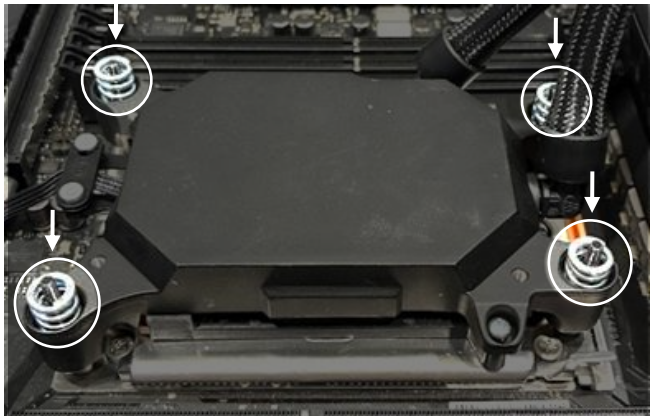
Standoff x4 pcs. (TR5/sTRX5/SP6/ sWRX8/9)

2. INSTALL THE LCS ON THE CPU

Remove the TIM protection Cap from the LCS. Position the LCS onto the CPU via guidance on the 4 pcs. standoffs.

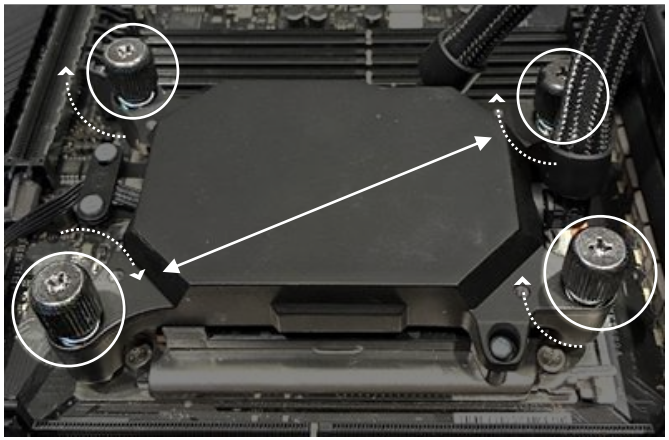


3. INSERT 4PCS. SPRINGS



4. INSERT 4 PCS. THUMBNUTS

Screw 4 pcs. thumbnuts onto the threaded standoffs.

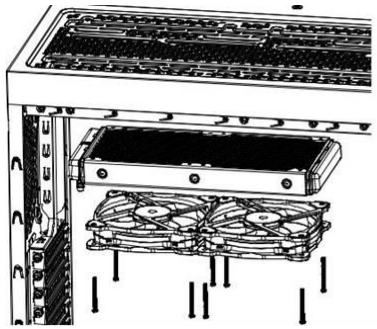


Step #1:
hand tighten all 4 pcs. thumbnuts.

Step #2:
Tighten the 4 pcs. thumbnuts in a cross-pattern sequence to equally torque (Nm).

5. MOUNTING THE RADIATOR & FANS

- Install the fans on the radiator with the provided UNC 6-32, 30mm screws.
- Mount the radiator (attached with fans) onto the case with the UNC 6-32, 5mm screws and washers.





UNC 6-32, 30mm screws



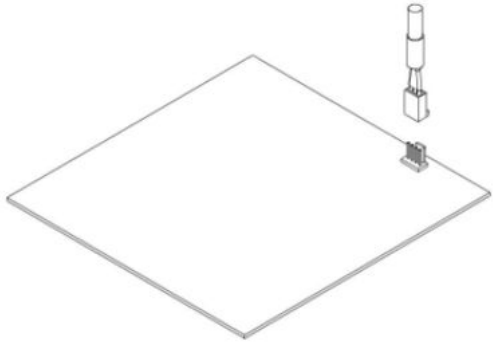
UNC 6-32, 5mm screws



Washer

6. CONNECTING THE PUMP POWER CABLE

Connect the pump power cable to a fan header on the motherboard.



REGULATORY INFORMATION & SAFETY

FCC Part 15.107 & 15.109

- EMC
  - EN-55032: 2015
  - EN-55035: 2017
  - EN-61000-3-2: 2014
  - EN-61000-3-3: 2013
- ICES 003 issue 6 from January 2016

CAUTION:

- Maximum ambient temperature: 50° C
- Maximum normal operating temperature of coolant: 60° C
- This equipment is intended for use inside an enclosed personal computer. This equipment is not suitable for use in locations where it is operating outside of enclosed computer chassis and where children are likely to be present.