



Explore

Shop Support

Search HP.com

Sign up / Sign in

[HP Community](#) > [Desktops](#) > [Workstations](#) > [Z620 - HP "Liquid Cooler - AIO" and some bubbles](#)[All forum topics](#) < [Previous Topic](#) [Next Topic](#) >

Purecut

Level 1

6 1 0

Message 1 of 2

51

Flag Post

Z620 - HP "Liquid Cooler - AIO" and some bubbles

Posted on 01-27-2021 01:05 PM

Product: Z620, Z420**Operating System:** Microsoft Windows 10 (64-Bit)

Hallo to the Community,

Since a few weeks I have a Z620 with an E5-1680 v2 and a second CPU E5-2687W v2. I'm just in the process of building up the machine. I also have two HP "Liquid Coolers" and both of them have some bubbles inside. One more the other less. We know that the HP's liquid coolers are AIO systems and it seems that these coolers have no way to refill in case of bubbles.

I inspected the complete cooler if I could see a way to refill it. Everything is seams to be closed. So I do not understand the way the cooler was build up without a way getting out some air during the build process. So I decides to de-sampled the complete cooler and hey I found the magic whole.

I have made some pictures of it and I tell you how to refill it.

In first place you have to unscrew the complete cooler. The fan must go, the frame of the fan and the CPU plastic cover. You must be able to get to the pump. Do NOT unscrew the cooper plate. I did that to see what is under it and to make some pictures. As I'm doing this I do not trust my eyes - I saw a crew!! That's the refill.

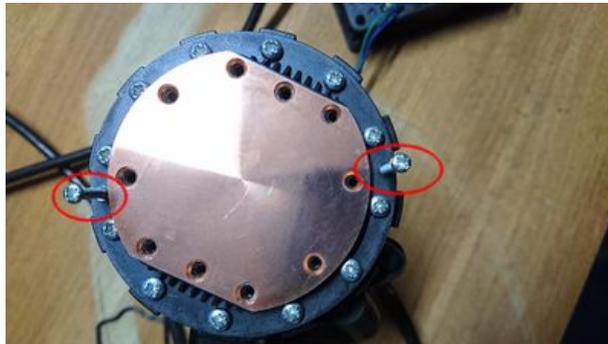
What you have to do is to unscrew only the 2 thin screws so that the pump cover goes away an hey you see that refill screw. You can open it carefully and do not loose the poetry! You can refill the pump with a very small injection. Be careful with the water. Every water outside the crew must be wipe of, because the near electronic board do not like water. Connect the pump to a 12VDC and let it run. If you hear bubbles again, stop and repeat until the air is out. Put the cooler together and no more bubbles



For information how it looks under the cooper



The refill screw



Remove these 2 screw

REPLY

I HAVE THE SAME QUESTION

Tags: Microsoft Windows 10 (64-Bit) Z420 Z620

View All (3)

1 REPLY



Purecut

Author

Posted on 01-27-2021 01:09 PM - edited 01-27-2021 01:09 PM

Can someone explain to me why I do not see my pictures?

OK - done I see them.

