

## Noctua K8 & Socket F Mounting-Kit Installation Manual

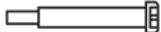
Thank you very much for choosing a Noctua cooler. This manual will guide you through the installation process step by step.

Prior to installing the cooler, please consult the compatibility list on our website and verify that the cooler is fully compatible with your motherboard.

Should you encounter any difficulties, please check the FAQs on our website and don't hesitate to contact our support team at [support@noctua.at](mailto:support@noctua.at). Noctua cannot be held responsible for any damage or losses caused by compatibility issues.

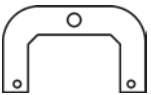
Multilingual versions of this manual are available on our website: [www.noctua.at](http://www.noctua.at)

### Required mounting parts (from the K8 Bag): supplied with the K8 & Socket F Mounting-Kit

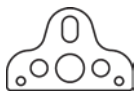


2x black spring screws

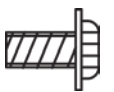
### Required mounting parts (from the common parts bag): supplied with the cooler



2x 90° fastening brackets



2x standard fastening brackets



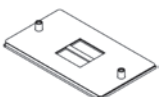
4x short silver screws for fastening brackets



2x pressure springs

### Other required parts (supplied with the mainboard):

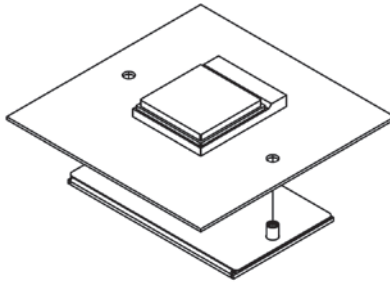
Please note that a standard K8 / Socket F backplate is required for installation and not supplied by Noctua because most mainboards are shipped with these backplates.



1x K8 / F Backplate

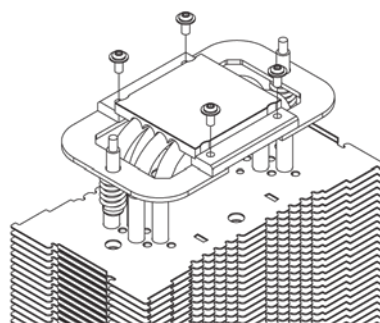
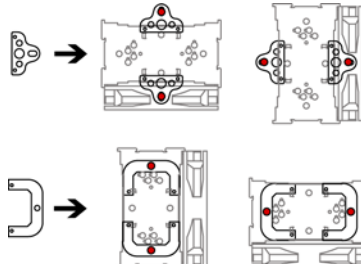
### Step 1: Attaching the backplate

If the backplate isn't installed yet, place it on the back side of the mainboard, so that the backplate's screw sockets stick out through the mainboard's screwholes.

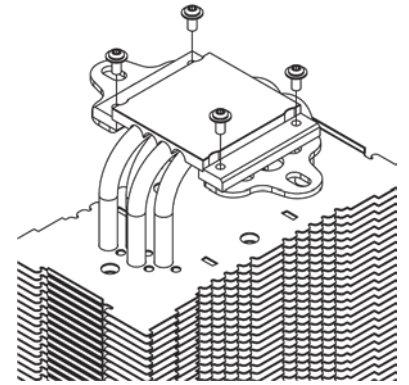


### Step 2: Attaching the fastening brackets to the heatsink

Choose the fastening brackets according to the desired orientation of the cooler:



When using the 90° fastening brackets, first stick the spring screws and springs into the fastening brackets. Then screw them to the copper base of the heatsink tightly using 4 short screws.

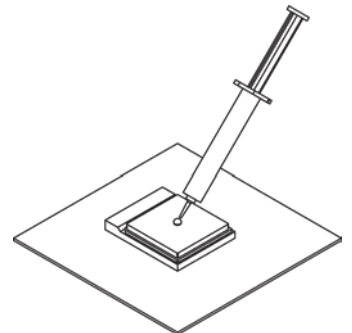


When using the standard fastening brackets, tightly screw them to the copper base of the heatsink using 4 short screws.

### Step 3: Applying thermal paste

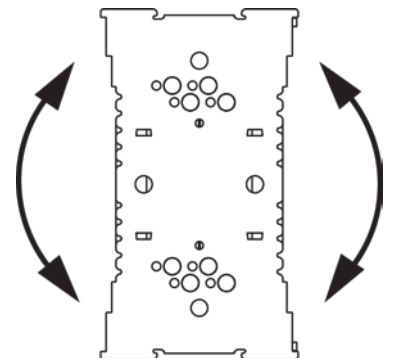
If there are residual traces of thermal paste or thermal pads on your CPU, please clean them off first.

Press a small drop (4-5mm diameter) of NT-H1 onto the centre of the heat-spreader.



**Caution:** Applying too much thermal paste will lower the heat conductivity and cooling performance!

**Caution:** Take off the protection cover at the bottom side of the heatsink first!



Put the heatsink onto the CPU and turn it back and forth a few times in order to spread the paste.

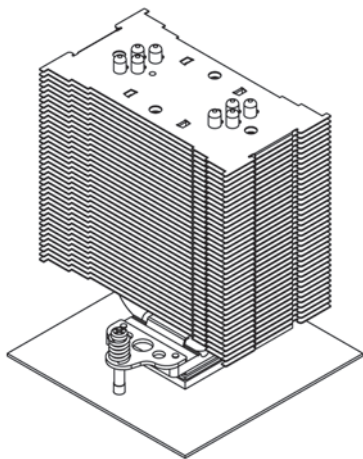


## Step 4:

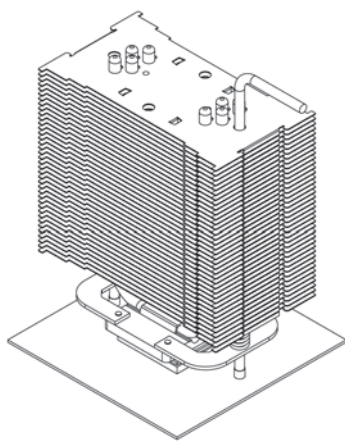
### Attaching the heatsink to the CPU

Align the mounting holes of the fastening brackets with those of the mounting bars.

Now screw the fastening brackets to the mounting bars employing the pressure springs and the respective screws.



When employing the 90° fastening brackets, please use the supplied mounting-tool to tighten the springscrews.

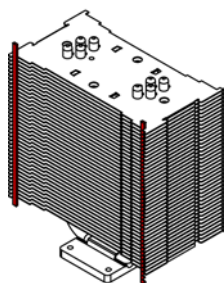


**Caution:** Tighten the screws until they stop.

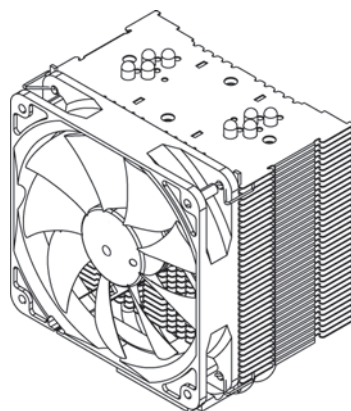
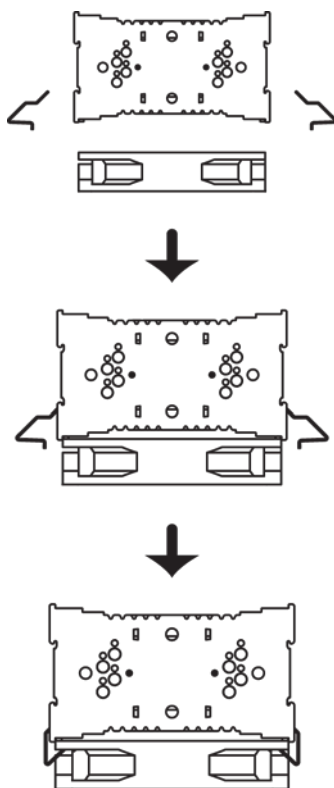
## Step 5:

### Attaching the fan

First stick the 2 anti-vibration strips onto the cooling fins in order to dampen minor vibrations emitted by the fan.



Then attach the fan to the heatsink using the 2 steel clips, placing it so that it blows onto the heatsink (You can optionally use the second pair of clips to install a second fan).



Connect the fan to the mainboard, power supply or fan controller. Depending on your CPU and the temperature inside the case, you may interconnect the supplied Ultra-Low-Noise Adapter (U.L.N.A.) in order to further reduce the fan's operating noise.

**Caution:** When using the U.L.N.A., check the temperature of your CPU using appropriate software (e.g. the respective applications of your mainboard manufacturer), in order to evade automatic throttling of the CPU due to the increased temperature. If the cooling performance is insufficient, please increase case ventilation or remove the U.L.N.A.

## Warranty

Even with high-grade products and strict quality control, the possibility of defects cannot be eliminated entirely. Therefore, we aim at providing the highest possible level of dependability and convenience by offering a warranty period of 72 months and direct, fast and straightforward RMA service.

In case of warranty, you can either request RMA at your retailer or use our Direct RMA Service. For further information, please consult [www.noctua.at](http://www.noctua.at). In order to process your RMA enquiry, we need a proof of purchase, so please don't forget to keep your invoice!

Please also note that any modifications to the cooler, fan or mounting parts will void your warranty.

## Support & FAQs

For all enquiries concerning your Noctua cooler, both your retailer and the international Noctua support team at [support@noctua.at](mailto:support@noctua.at) are at your service.

Please also consult the FAQ section on our website [www.noctua.at](http://www.noctua.at).