



Dear customer,

Thank you very much for choosing a Noctua NH-L9 cooler for your AM5 system.

We always like to think of our coolers as safe long-term investments: Not only are they built to last, but we also provide upgrade kits so that you can keep using your trusty Noctua heatsink when you do a system upgrade.

Enjoy your Noctua NH-L9 on AM5!

Yours sincerely,



Roland Mossig, Noctua CEO

This SecuFirm2™ mounting-kit for AM5 is compatible with the NH-L9a, NH-L9a-AM4 (chromax.black) and NH-L9i (chromax.black).

It cannot be used with the NH-L9i-17xx (chromax.black), which is tailored to the different height specification of the Intel LGA1700 socket.

For detailed, up-to-date compatibility information please visit: <https://hcc.noctua.at/socket-compatibility-overview>

The NH-L9i has been designed for the Intel LGA1200/115x platform. While it can be installed without any problems on most AM5 motherboards using the NM-AM5-L9aL9i kit, it is possible that it may not fit in some cases. Therefore, please be extra careful when installing the NH-L9i on AM5 and verify that the cooler does not press against any other components. Please also see the FAQs on our website for details.

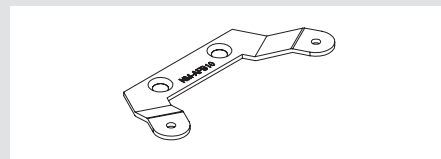
This manual will guide you through the installation process step-by-step using an NH-L9a heatsink as an example. The installation procedure is identical for the NH-L9i.

Prior to installing the cooler, please consult the compatibility centre on our website (hcc.noctua.at) and verify that the cooler is fully compatible with your motherboard and CPU. Please also make sure that your PC case offers sufficient clearance for the cooler and that there are no compatibility issues with any other components. Noctua cannot be held responsible for any damage or losses caused by compatibility issues.

Should you encounter any difficulties, please check the FAQs on our website (www.noctua.at/faqs) and don't hesitate to contact our support team at support@noctua.at.

Multilingual versions of this manual are available on our website: www.noctua.at/manuals

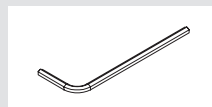
Required mounting parts:



2x NM-AFB10 fastening brackets



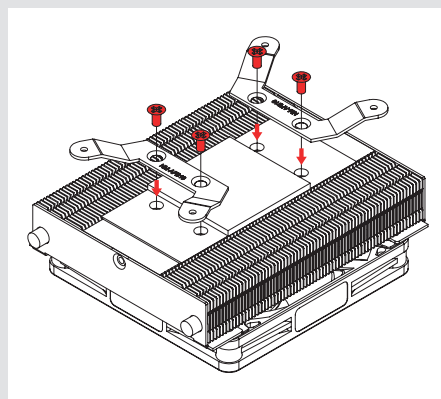
4x NM-ALS2 screws



NM-SMT6 mounting tool

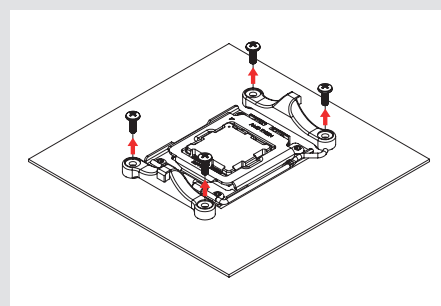
1 Changing the fastening brackets

Unscrew the original NM-AFB5 (NH-L9a), NM-AFB6 (NH-L9a-AM4) or NM-IFB5 (NH-L9i) brackets and replace them with the supplied NM-AFB10 fastening brackets using the original screws.



2 Removing the stock retention module

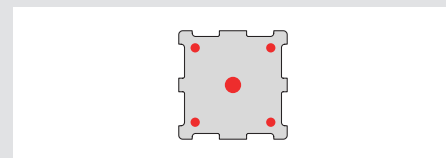
If your motherboard comes with a pre-installed CPU cooler retention module, please first remove it by unscrewing it from the backplate.



Do not unscrew the backplate from the socket; it must be kept in place.

3 Applying the thermal paste

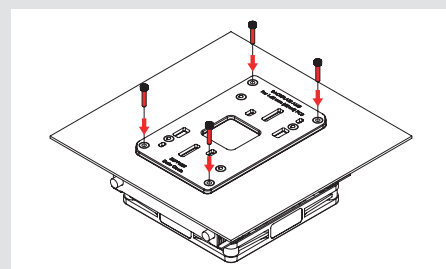
If there are residual traces of thermal paste or thermal pads on your CPU, please clean them off first. Apply 5 small dots; 4 small dots with ~2mm diameter near the corners plus 1 dot with 3-4mm diameter in the centre:



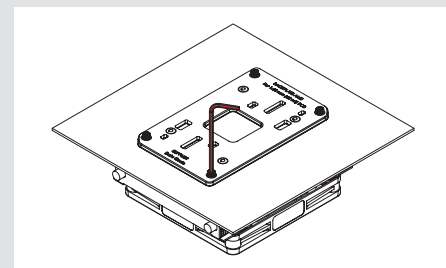
Caution: Applying too much thermal paste will lower heat conductivity and cooling performance!

4 Fastening the heatsink to the CPU

First, place the heatsink onto the CPU. Then, turn the motherboard upside down (holding the heatsink in place with your hand or putting it flat on a table) and, from the back side, stick the mounting screws through the threads of the backplate until they reach the threads of the heatsink's mounting brackets.



Begin fixing the screws by hand and then use the supplied mounting tool to tighten. Perform 3 turns on each screw, then repeat until all are fully tightened.



Caution: Gently tighten the screws until they stop, but don't use excessive force (max. torque 0.6 Nm).

5 Fan setup

Connect the fan to the motherboard as described in the cooler manual. If you don't have it at hand, you can download it at: www.noctua.at/manuals

! Warranty, support and FAQs

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 reliability and convenience by offering a warranty period of 6 years and direct, fast and straightforward RMA service. Should you encounter any problems with your Noctua product, please check the FAQs on our website (www.noctua.at/faqs) and don't hesitate to contact our support team at support@noctua.at.