



Dear customer,

Thank you very much for choosing the Noctua NF-A14x25 G2 LS-PWM.

Our fans are renowned for their impeccable quality and outstanding longevity and like all Noctua fans, the NF-A14x25 G2 LS-PWM features an MTF rating of more than 150,000 hours that's backed up with our 6-year manufacturer's warranty.

Each Noctua fan is double-checked for flawless operation by our quality control team before it leaves the factory and I'm confident that you will be able to sense some of the research, attention and care we've put into making this product.

Enjoy your NF-A14x25 G2 LS-PWM!

Yours sincerely,



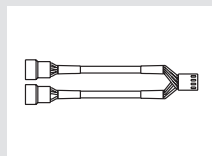
Roland Mossig, Noctua CEO

This document includes some instructions for installing, running and cleaning your NF-A14x25 G2 LS-PWM.

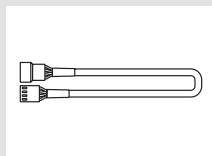
Should you encounter any difficulties, please check the FAQs on our website ([faq.noctua.at](https://www.noctua.at/faq)) and don't hesitate to contact our support team at support@noctua.at.

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

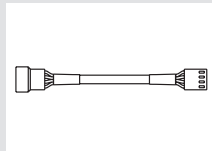
Included mounting parts:



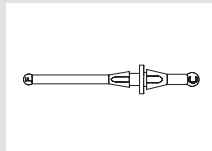
NA-YC1
4-pin PWM splitter cable



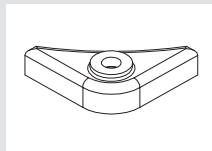
NA-EC1
30cm extension cable



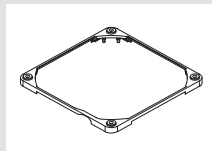
NA-RC8
Low-Noise Adaptor (L.N.A.)



4x NA-AV2
anti-vibration mounts



4x NA-AVP1-LR
load-relief anti-vibration pads
(pre-installed)



NA-AVG2-LR
anti-vibration gasket



4x fan screws

1 Installation

Caution: Please remove the protective paper from the inside of the fan frame before use.

For installing the NF-A14x25 G2 LS-PWM on a CPU heatsink or watercooling radiator, please use the fan mounting mechanism supplied with said product (fan clips, screws, etc.).

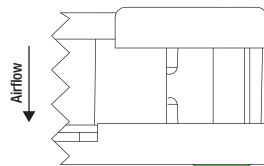
Caution: The NF-A14x25 G2 is a high-precision device with extremely strict tolerances. Therefore, it is critical to avoid excessive forces acting onto the frame when installing the fan on water cooling radiators.

On the outlet side of the fan, only use anti-vibration pads and gaskets with rings around the mounting hole when installing the fan with the outlet side facing the radiator ("push" orientation). These rings reduce the load onto the frame significantly.

Do not use pads or gaskets without load-relief rings on the outlet side of the fan in "push" configurations! On the inlet side, both types can be used.

YES

Inlet side: regular pads

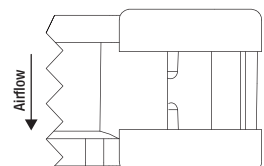


Application (e.g. radiator) Outlet side: gasket or pads with load-relief rings

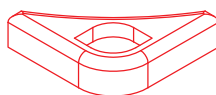


NO

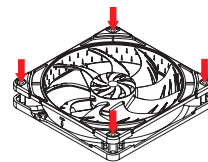
Inlet side: regular pads



Application (e.g. radiator) Outlet side: regular pads



Caution: Do not overtighten radiator screws! The total compressive load on all 4 screws must not exceed 30kg (equivalent to ~0.15 – 0.25Nm torque with typical M3 or UNC 6-32 screws). Be extra careful with M4 or fine threads as they can produce a higher compressive load with lower torque.



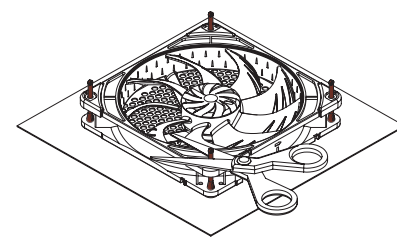
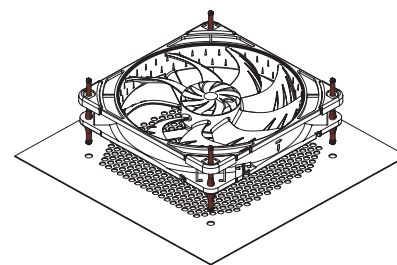
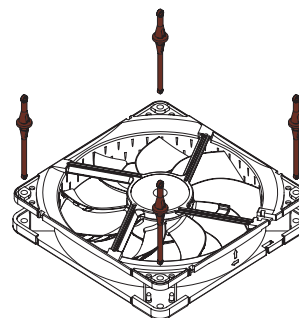
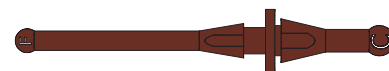
7.5kg max. compressive load per screw (30kg total)

When installing the NF-A14x25 G2 LS-PWM as a case fan, you can either use the supplied mounting screws or NA-AV2 silicone anti-vibration mounts.

For installing the fan using the NA-AV2 mounts, please first pull the F side through the fan's mounting holes and then pull the C side through the mounting holes of the case:

F = fan side

C = case side



If the long ends of the mounts are in the way, you can use scissors to cut them after installation. Note that this will then make them difficult to reinstall in the future.

If you prefer anti-vibration mounts with flat case-side ends, please purchase the optional NA-AV4 mounts.



2 Connection

The NF-A14x25 G2 LS-PWM comes with a 4-pin PWM fan connector for fully automatic speed control via your motherboard's 4-pin PWM fan headers. Please note that the fan can also be connected to 3-pin fan headers though. When connected to 3-pin fan headers, the NF-A14x25 G2 LS-PWM will run at full speed (unless the motherboard supports voltage based speed control).

If you're using multiple NF-A14x25 G2 LS-PWM fans, you can use the supplied splitter cable (NA-YC1) to connect several fans to one PWM fan header. This way, your motherboard will set all the connected fans to run at the same speed.

The NF-A14x25 G2 LS-PWM features a short 20cm primary cable in order to help you minimise cable clutter in typical applications. If you need a longer cable, please add the supplied 30cm extension (NA-EC1).

The NF-A14x25 G2 LS-PWM comes with a Low-Noise Adaptor (NA-RC8) that allows you to reduce the fan speed from 800 to 600rpm. You can either use the adaptor to set the fan to a fixed speed of 600rpm (if speed control is deactivated) or to cap the maximum speed to 600rpm during PWM speed control.

3 Cleaning and maintenance

Fans inside computer cases tend to accumulate dust over longer periods of usage. In order to maintain maximum performance, please clean your fans regularly using a duster, slightly moist tissue or canned air. Please be careful not to use too much force in order to prevent any damage to the fan. Please don't use a vacuum cleaner as this may apply excessive force to the fan.

In order to ensure flawless operation over many years of usage, the NF-A14x25 G2 LS-PWM's premium grade SS02 bearing is fully sealed to prevent the entering of fine dust particles.

Please note that the fan is not designed to be taken apart by the user. Removing the impeller from the frame will break the sealing of the bearing and results in a loss of warranty.

! 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 NF-A14x25 G2 LS-PWM, please don't hesitate to contact our support team (support@noctua.at).

Please also consult the FAQ section on our website: faqs.noctua.at