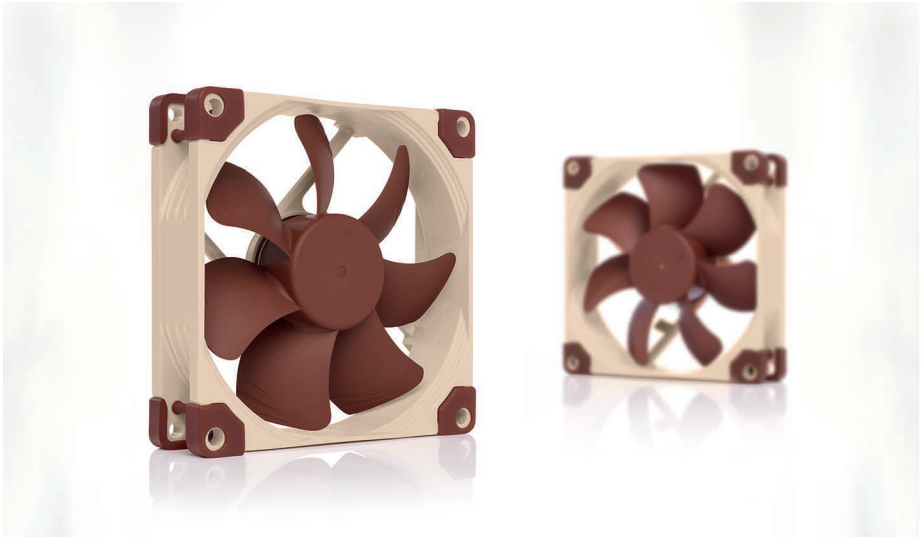
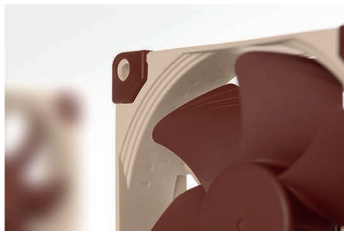
Noctua NF-A9 5V Premium Fan

NF-A9 5V





The NF-A9 5V is a dedicated 5V version of Noctua's award-winning, premium-quality NF-A9 90mm fan. Featuring an AAO (Advanced Acoustic Optimisation) standard frame and sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-A9 5V is renowned for its superior performance and outstanding quietness of operation. Smooth Commutation Drive technology and Noctua's reference class SSO2 bearing guarantee superb running smoothness and excellent long-term stability. Topped off with the included USB power adaptor cable, OmniJoin™ adaptor set and 6-year manufacturer's warranty, the NF-A9 5V is a premium choice for demanding 5V applications.

LOGISTIC DATA

Product name
Noctua NF-A9 5V

EAN
9010018100280

UPC
841501110283

Packaging dimensions (HxWxD)
210x150x34 mm

Weight incl. packaging
250 g

Warranty
6 years

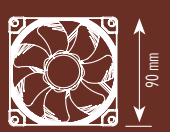
Packaging unit
40 pcs

Packaging dimensions / unit (HxWxD)
390x375x360 mm

Weight incl. packaging / unit
11.60 kg

SCOPE OF DELIVERY

- NF-A9 5V premium fan
- 4x anti-vibration mounts
- 30cm extension cable
- USB power adaptor cable
- OmniJoin adaptor cable
- 4x fan screws



Award-winning NF-A9 design

Having received more than 100 awards and recommendations from the international press, Noctua's NF-A9 5V has become a proven premium choice for 90mm cooling needs. Its renowned efficiency has convinced tens of thousands of customers all over the world.

5V version

5V fans are used in various devices and applications. With the included USB power adaptor cable and OmniJoin™ adaptor set, the NF-A9 5V is a proven premium solution that gives you full flexibility both for replacing existing 5V fans and for new, custom applications.

AAO frame

Noctua's AAO (Advanced Acoustic Optimisation) frames feature integrated anti-vibration pads as well as Noctua's proprietary Stepped Inlet Design and Inner Surface Microstructures, both of which further refine the fan's performance/noise efficiency.

Flow Acceleration Channels

The NF-A9 5V impeller features suction side Flow Acceleration Channels. By speeding up the airflow at the crucial outer blade regions, this measure reduces suction side flow separation and thus leads to better efficiency and lower vortex noise.

OmniJoin Adaptor Set

Many devices featuring 5V fans use proprietary fan headers, so the NF-A9 5V comes with Noctua's OmniJoin adaptor set. Just cut the original fan's cable, fix it to the adaptor using the supplied cable connectors and you can plug the NF-A9 5V to proprietary fan headers!

USB power adaptor cable

The fan includes a USB power adaptor cable that allows it to run on power banks, devices with USB host ports or USB power supplies such as those used for smartphones, giving you near endless possibilities for using the fan in your home, in your car or wherever a need for cooling occurs!

Polarity protection

As many devices using 5V fans feature proprietary connectors, and documentation of the pin alignment may not be available, the fan features an integrated diode for polarity protection. This way, you're on the safe side if you accidentally connect it with reverse polarity.

Extensive cabling options

The fan's short 20cm primary cable minimises cable clutter in typical applications while the supplied 30cm extension provides extended reach when necessary. Both cables are fully sleeved.

Integrated anti-vibration pads

Integrated anti-vibration pads made from extra-soft silicone minimise the transmission of minute vibrations while maintaining full compatibility with all standard screws and other mounting systems.

6-year manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A9 5V features an MTTF of more than 150.000 hours rating and comes with a full 6-year manufacturer's warranty.

Being a 5V fan, the NF-A9 5V cannot be run at 12V and will be damaged when used with typical 12V power sources such as PC motherboard fan headers.

SPECIFICATIONS

Dimensions	90x90x25 mm
Bearing	3-pin
Connector	SSO2
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO (Advanced Acoustic Optimisation)
Max. input power / voltage	1.3 W / 5 V
MTTF	> 150,000 h

NF-A9 5V	w/o adaptor
Max. rotational speed (+/–10%)	2000 RPM
Max. airflow	78.9 m^3/h
Max. acoustical noise	22.8 dB(A)
Max. static pressure	2.28 mmH_2O

noctua
DESIGNED IN AUSTRIA

Designed in Austria, Noctua's premium cooling components are internationally renowned for their superb quietness, exceptional performance and thoroughgoing quality. Having received more than 6000 awards and recommendations from leading hardware websites and magazines, Noctua's fans and heatsinks are serving hundreds of thousands of satisfied customers around the globe.

www.noctua.at