

# Noctua NF-A14 5V Premium Fan

# NF-A14 5V



The NF-A14 5V is a dedicated 5V version of Noctua's award-winning, premium-quality NF-A14 140mm fan. Featuring an AAO (Advanced Acoustic Optimisation) standard frame and sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-A14 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-A14 5V is a premium choice for demanding 5V applications.

### Award-winning NF-A14 design

Having received more than 100 awards and recommendations from the international press, Noctua's NF-A14 5V has become a proven premium choice for 140mm 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-A14 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-A14 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-A14 5V comes with Noctua's OmniJoin adaptor set. Just cut the original fan's cable, fix it to the adaptor using the supplied 3M Scotchlok™ connectors and you can plug the NF-A14 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 end-less 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-A14 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-A14 5V cannot be run at 12V and will be damaged when used with typical 12V power sources such as PC motherboard fan headers.*

## LOGISTICAL DATAS

Product Labeling	Noctua NF-A14 5V
EAN-No.	9010018100228
UPC-No.	841501110221
Dimensions (HxWxD)	242 x 174 x 37 mm
Weight	380 gr
Warranty	6 Years
MSPR	21.95 USD
Packaging Unit	40 Pcs.
Dimensions / Unit (HxWxD)	435 x 380 x 385 mm
Weight / Unit	16.4 kg

## SCOPE OF DELIVERY

NF-A14 5V premium fan
NA-AV1 anti-vibration mounts
NA-EC2 30cm extension cable
NA-AC7 USB power adaptor cable
NA-IC2 OmniJoin adaptor cable
NM-SFS1 fan screws



## SPECIFICATIONS

Size	140 x 140 x 25 mm
Connector	3-Pin
Bearing	SSO2
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO (Advanced Acoustic Optimisation)
Max. input power / operating voltage	1.3W / 5V
MTTF	> 150.000 h
NF-A14 5V	w/o adaptor
Max. rotational speed (+/-10%)	1500 RPM
Max. airflow	140.2 m³/h
Max. acoustical noise	24.6 dB(A)
Max. static pressure	2.08 mm H <sub>2</sub> O