

NF-A14 5V PWM

Noctua NF-A14 5V PWM Premium Fan



The NF-A14 5V PWM is a PWM-enabled 5V variant 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 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 PWM is a premium choice for demanding 5V applications that require PWM control.

Award-winning NF-A14 design

Having received more than 100 awards and recommendations from the international press, Noctua's NF-A14 5V PWM 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 PWM version

5V PWM fans are used in various devices and applications. With the included USB power adaptor cable and OmniJoin™ adaptor set, the NF-A14 5V PWM is a proven premium solution that gives you full flexibility both for replacing existing 5V PWM fans and for new, custom applications that require PWM speed control.

OmniJoin Adaptor Set

Many devices featuring 5V fans use proprietary fan headers, so the NF-A14 5V PWM 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-A14 5V PWM 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 PWM 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.

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 PWM 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 PWM cannot be run at 12V and will be damaged when used with typical 12V power sources such as PC motherboard fan headers.

LOGISTIC DATA

Product name
Noctua NF-A14 5V PWM

EAN
9010018100235

UPC
841501110238

Packaging dimensions (HxWxD)
242x174x37 mm

Weight incl. packaging
380 g

Warranty
6 years

Packaging unit
40 pcs

Packaging dimensions / unit (HxWxD)
435x380x385 mm

Weight incl. packaging / unit
16.40 kg

SCOPE OF DELIVERY

NF-A14 5V PWM premium fan

30cm extension cable

4x anti-vibration mounts

USB power adaptor cable

OmniJoin adaptor cable

4x fan screws



SPECIFICATIONS

Dimensions	140x140x25 mm
Bearing	SSO2
Connector	4-pin
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO
Max. input power / voltage	1.3 W / 5 V
MTTF	> 150,000 h

NF-A14 5V PWM	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 mmH ₂ O