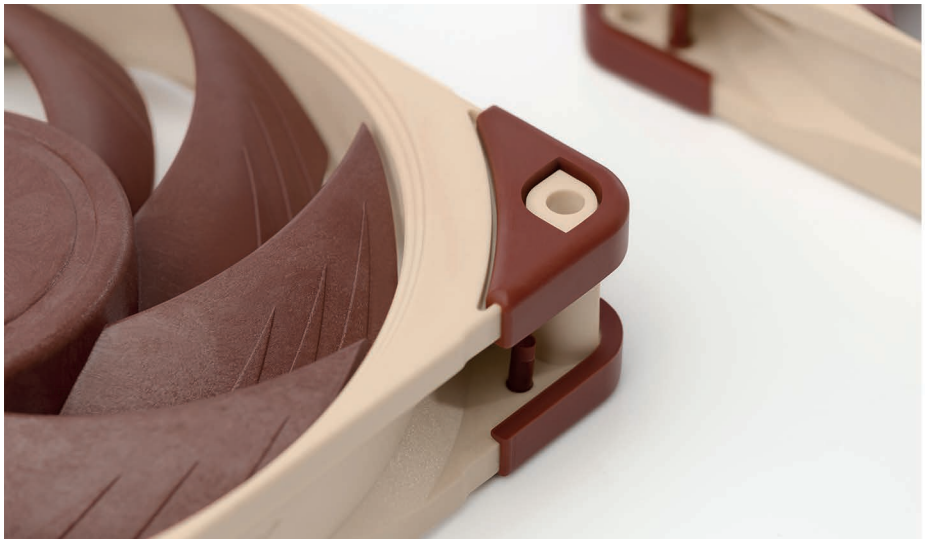
NF-A12x25 5V PWM

Noctua NF-A12x25 5V PWM Premium Fan



The NF-A12x25 5V PWM is a PWM-enabled 5V variant of Noctua's award-winning, premium-quality NF-A12x25 120mm fan. Featuring an AAO (Advanced Acoustic Optimisation) standard frame and sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-A12x25 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-A12x25 5V PWM is a premium choice for demanding 5V applications that require PWM control.

LOGISTIC DATA

Product name	Noctua NF-A12x25 5V PWM
EAN	9010018100259
UPC	841501110252
Packaging dimensions (HxWxD)	210x150x34 mm
Weight incl. packaging	364 g
Warranty	6 years
Packaging unit	36 pcs
Packaging dimensions / unit (HxWxD)	390x380x360 mm
Weight incl. packaging / unit	14.64 kg

SCOPE OF DELIVERY

- NF-A12x25 5V PWM premium fan
- 4x anti-vibration mounts
- 30cm extension cable
- USB power adaptor cable
- OmniJoin adaptor cable
- 4x fan screws

Award-winning NF-A12x25 design

Having received more than 100 awards and recommendations from the international press, Noctua's NF-A12x25 5V PWM has become a proven premium choice for 120mm 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-A12x25 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.

Sterrox® liquid-crystal polymer compound

The NF-A12x25's 5V impeller is made from Noctua's novel Sterrox® liquid-crystal polymer (LCP) compound that features extreme tensile strength, an exceptionally low thermal expansion coefficient and dampening characteristics that are ideal for reducing resonance and vibration phenomena in advanced fan-blade designs.

OmniJoin Adaptor Set

Many devices featuring 5V fans use proprietary fan headers, so the NF-A12x25 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-A12x25 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!

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.

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.

6-year manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A12x25 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-A12x25 5V PWM cannot be run at 12V and will be damaged when used with typical 12V power sources such as PC motherboard fan headers.

SPECIFICATIONS

Dimensions	120x120x25 mm
Connector	4-pin
Bearing	SSO2
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO (Advanced Acoustic Optimisation)
Max. input power / voltage	1.75 W / 5 V
MTTF	> 150,000 h

NF-A12x25 5V PWM	w/o adaptor
Max. rotational speed (+/–10%)	1900 RPM
Max. airflow	96.2 m^3/h
Max. acoustical noise	21.4 dB(A)
Max. static pressure	2.07 mmH_2O

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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 chosen by more than a hundred thousand satisfied customers around the globe.

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