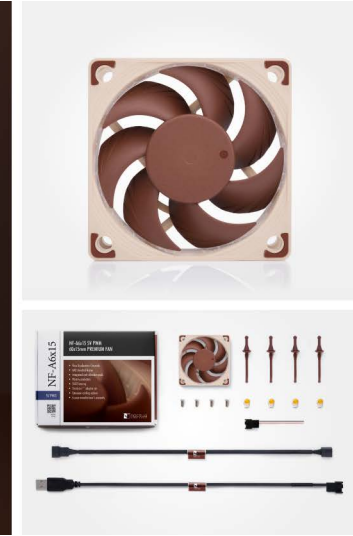


NF-A6x15 5V PWM

Noctua NF-A6x15 5V PWM Premium Fan



Featuring advanced aerodynamic design measures such as Flow Acceleration Channels and an AAO frame, the NF-A6x15 5V PWM is a PWM-enabled 5V variant of Noctua's highly optimised, premium-quality quiet 60x15mm fan. The custom-designed NE-FD3 5V PWM IC that integrates Smooth Commutation Drive technology and Noctua's reference-class SSO2 bearing guarantee superb running smoothness and excellent long-term stability. Topped off with modular cabling, the OmniJoin™ Adaptor Set and a 6-year manufacturer's warranty, the NF-A6x15 5V PWM is a premium choice for demanding 5V applications that require PWM control.

5V PWM version

Many devices, such as 3D printers and network or storage solutions, use 5 volt 60mm fans with PWM speed control. With the same operating voltage, PWM support and the included OmniJoin™ adaptor set that makes it compatible with proprietary fan headers, the NF-A6x15 5V PWM is ideal for replacing noisy or broken 5V 60mm fans with PWM.

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.

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.

Stepped Inlet Design

Noctua's Stepped Inlet Design adds turbulence to the influx in order to facilitate the transition from laminar flow to turbulent flow, which reduces tonal intake noise, improves flow attachment and increases suction capacity, especially in space-restricted environments.

Inner Surface Microstructures

With the tips of the fan blades ploughing through the boundary layer created by the Inner Surface Microstructures, flow separation from the suction side of the blades is significantly suppressed, which results in reduced blade passing noise and improved airflow and pressure efficiency.

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.

SSO2 bearing

The NF-A6x15 features the further optimised second generation of Noctua's renowned, time-tested SSO bearing. With SSO2, the rear magnet is placed closer to the axis to provide even better stabilisation, precision and durability.

OmniJoin adaptor set

Many devices featuring 60mm fans use proprietary fan headers, so the NF-A6x15 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-A6x15 5V PWM to proprietary fan headers!

6-year manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A6x15 features an MTTF of more than 150,000 hours rating and comes with a full 6-year manufacturer's warranty.

LOGISTIC DATA

Product name
Noctua NF-A6x15 5V PWM

EAN
9010018100174

UPC
841500110178

Packaging dimensions (HxWxD)
18x140x110 mm

Weight incl. packaging
110 g

Warranty
6 years

Packaging unit
36 pcs

Packaging dimensions / unit (HxWxD)
150x440x240 mm

Weight incl. packaging / unit
4.37 kg

SCOPE OF DELIVERY

NF-A6x15 5V PWM premium fan

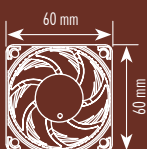
4x NA-AV2 anti-vibration mounts

NA-EC1 30cm extension cable

USB power adaptor cable

OmniJoin™ adaptor set

4x fan screws



SPECIFICATIONS

Dimensions	60x60x15 mm
Bearing	SSO2
Connector	4-pin PWM
Blade geometry	A-Series with Flow Acceleration Channels
Max. input power / voltage	0.85 W / 5 V
MTTF	> 150,000 h

NF-A6x15 5V PWM	w/o adaptor
Max. rotational speed (+/-10%)	3500 RPM
Max. airflow	23.4 m³/h
Max. acoustical noise	19.8 dB(A)
Max. static pressure	2.43 mmH₂O