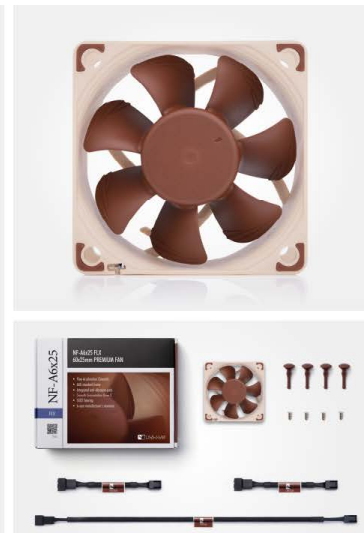


NF-A6x25 FLX

Noctua NF-A6x25 FLX Premium Fan



LOGISTIC DATA

Product name
Noctua NF-A6x25 FLX

EAN
4716123314707

UPC
842431014061

Packaging dimensions (HxWxD)
210x150x34 mm

Weight incl. packaging
190 g

Warranty
6 years

Packaging unit
36 pcs

Packaging dimensions / unit (HxWxD)
390x390x360 mm

Weight incl. packaging / unit
9.40 kg

SCOPE OF DELIVERY

NF-A6x25 FLX premium fan

Low-Noise Adaptor (L.N.A.)

Ultra Low-Noise Adaptor (U.L.N.A.)

3.4-pin adaptor

4-pin y-cable

30cm extension cable

4x anti-vibration mounts

4x fan screws



Featuring advanced aerodynamic design measures such as Flow Acceleration Channels and Noctua's AAO frame, the NF-A6x25 FLX is a highly optimised, premium quality quiet fan in 60x25mm size. Smooth Commutation Drive technology and Noctua's reference class SSO2 bearings guarantee superb running smoothness and excellent long-term stability. Topped off with modular cabling, Low-Noise Adaptors and 6 years manufacturer's warranty, the NF-A6x25 is a premium choice for the highest demands.

Flow Acceleration Channels

The NF-A6x25 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.

Reduced Motor Hub Size

Thanks to its streamlined, compact motor design, the NF-A6x25's motor hub is smaller than with conventional 6cm fans. This allows for more blade surface area and thus contributes to the NF-A6x25's superior airflow and pressure performance.

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.

SSO2 Bearing

The NF-A6x25 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.

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.

Smooth Commutation Drive 2

The latest version of Noctua's advanced Smooth Commutation Drive system ensures superb running smoothness by eliminating torque variations and switching noises. This makes the NF-A6x25 remarkably quiet even at very close distance.

3 speed settings for full flexibility

Providing 3000, 2400 and 1600 rpm speed settings via the supplied Low-Noise and Ultra-Low-Noise Adaptors, the NF-A6x25 FLX (Flexibility) can be fine-tuned for superior airflow or maximum quietness.

6 years manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A6x25 features an MTTF rating of more than 150,000 hours and comes with a full 6 years manufacturer's warranty.

SPECIFICATIONS

Dimensions	60x60x25 mm
Bearing	SSO2-Bearing
Blade geometry	A-Series with Flow Acceleration Channels
Max. input power / voltage	0.96 W / 12 V
MTTF	> 150,000 h

NF-A6x25 FLX	w/o adaptors	with L.N.A.	with U.L.N.A.
Max. rotational speed (+/-10%)	3000 RPM	2400 RPM	1600 RPM
Max. airflow	29.2 m³/h	23.5 m³/h	16.7 m³/h
Max. acoustical noise	19.3 dB(A)	14.5 dB(A)	8.2 dB(A)
Max. static pressure	2.18 mmH ₂ O	1.41 mmH ₂ O	0.61 mmH ₂ O