Noctua NF-A12x25 FLX Premium Fan



LOGISTIC DATA

Product name				
Noctua NF-A12x25 FLX				
EAN				
9010018100389				
UPC				
841501110382				
Packaging dimensions (HxWxD)				
210x150x34 mm				
Weight incl. packaging				
355 g				
Warranty				
6 years				
Packaging unit				
36 pcs				
Packaging dimensions / unit (HxWxD)				
375x380x380 mm				
Weight incl. packaging / unit				
14.40 kg				

SCOPE OF DELIVERY

NF-A12x25 FLX premium fan				
Low-Noise-Adaptor (L.N.A.)				
Ultra-Low-Noise-Adaptor (U.L.N.A.)				
30cm extension cable				
3:4-pin adaptor				
NA-AV2 anti-vibration mounts				
Fan screws				
Anti-vibration gasket for watercooling radiators				



Next-generation performance

Noctua's 120mm fans such as the NF-F12 and NF-S12A are renowned as being among the best on the market and have received more than 400 awards and recommendations from the international press. With its further improved efficiency and novel, state-of-the-art engineering, the NF-A12x25 FLX represents another step up in performance and manufacturing.

Highly optimised P/Q curve for all applications

The NF-A12x25 FLX's sophisticated aerodynamic design allows for a pressure to airflow (P/Q) curve that is extremely strong in the critical mid-section. This means that the NF-A12x25 FLX is a true jack-of-all-trades with excellent performance in both static pressure demanding and airflow demanding applications.

Excellent on-application acoustics

While many fans produce unpleasant, high-pitched noises when installed in typical applications such as on heatsinks or radiators, the NF-A12x25 FLX has been carefully fine-tuned for optimal on-application acoustics. It produces a smooth, pleasant frequency profile and surprisingly low sound pressure levels (SPL) when working against back pressure.

Ultra-tight tip clearance

The NF-A12x25 FLX has a record tight tip clearance (distance between the blade tips and the inside of the frame) of only 0.5mm. This highly ambitious design sets a new benchmark for 120mm fans and helps the NF-A12x25 FLX to work more efficiently against back pressure, such as on heatsinks or radiators, by reducing leak flows through the gap between impeller and frame.

3 speed settings for full flexibility

Providing 2000, 1750 and 1350rpm speed settings via the supplied Low-Noise and Ultra-Low-Noise Adapters, the NF-A12x25 FLX (Flexibility) can be fine-tuned for superior airflow or maximum quietness.

Anti-vibration gasket for watercooling radiators

The NF-A12x25 FLX includes a silicone gasket that can be used when installing the fan on watercooling radiators or other applications that benefit from a tighter seal with the fan. The gasket helps to dampen minute vibrations and to reduce air loss between the fan and the radiator for optimal cooling performance.

6-year manufacturer's warranty

SPECIFICATIONS

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A12x25 FLX features an MTTF of more than 150,000 hours rating and comes with a full 6-year manufacturer's warranty.

SI ECHICATIONS				
Dimensions	120x120x25 mr			
Bearing	SSO2			
Connector	3-pin			
Blade geometry	A-Series with Flow Acceleration Channels			
Max. input power / voltage	1.68W/12V			
MTTF	> 150,000 h			
NF-A12x25 FLX	w/o adaptor	with L.N.A.	with U.L.N.A.	
Max. rotational speed (+/–10%)	2000 RPM	1700 RPM	1350 RPM	
Max. airflow	102.1 m³/h	84.5 m³/h	64.5 m³/h	
Max. acoustical noise	22.6 dB(A)	18.8 dB(A)	14.2 dB(A)	
Max. static pressure	2.34 mm H_20	1.65 mm H ₂ 0	1.05 mm H_20	

