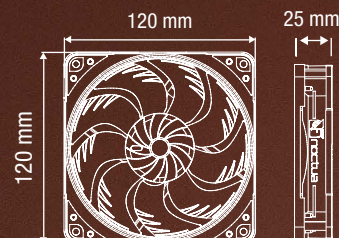
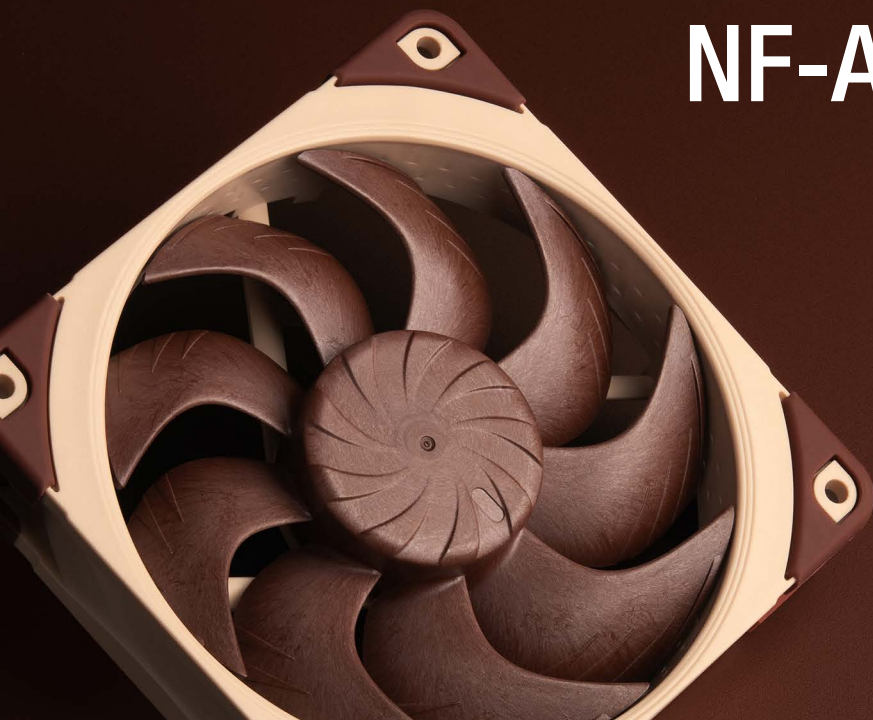


# NF-A12x25 G2 PWM

Premium-Quality Quiet 120mm PC Fan



## LOGISTIC DATA

### Product name

Noctua NF-A12x25 G2 PWM

### EAN

9010018100686

### UPC

841501110689

### Packaging dimensions (HxWxD)

33x184x130 mm

### Weight incl. packaging

308 g

### Warranty

6 years

### Packaging unit

40 pcs

### Packaging dimensions / unit (HxWxD)

302x397x376 mm

### Weight incl. packaging / unit

13.20 kg

## SCOPE OF DELIVERY

NF-A12x25 G2 PWM premium fan

NA-RC7 Low-Noise Adaptor (L.N.A.)

NA-YC1 4-pin PWM splitter cable

NA-EC1 30cm extension cable

4x NA-AV2 anti-vibration mounts

NA-AVG1 anti-vibration gasket for water cooling radiators

4x fan screws

The NF-A12x25 G2 is the second-generation, further improved successor to the groundbreaking NF-A12x25 and 120mm sister model to the award-winning 140mm NF-A14x25 G2: Like its much-acclaimed predecessor, it is made from Sterrox® LCP and features an extremely tight tip-clearance of only 0.5mm. At the same time, its further optimised Progressive Bend impeller with winglets, Flow Acceleration Channels and the new Centrifugal Turbulator Hub enable the G2 version to surpass the original NF-A12x25's performance, making it Noctua's undisputed new flagship in the 120mm range. Just like its predecessor and the 140mm version, the NF-A12x25 G2 is a true all-rounder that yields superb results in all types of usage, regardless of whether it's in low-impedance, airflow-oriented applications such as case cooling, or high-impedance, static pressure demanding scenarios such as on heatsinks and water cooling radiators. For application-specific optimisation, the NF-A12x25 G2's AAO (Advanced Acoustic Optimisation) frame can be combined with the included NA-AVG1 anti-vibration gasket for a tighter seal on radiators or the optional NA-IS1-12 inlet side spacer frame, which can help to achieve superior suction acoustics and flow rates in challenging "pull" configurations. The 4-pin PWM version supports fully automatic speed control via PWM fan headers and comes with a Low-Noise Adaptor to reduce the maximum speed from 1800 to 1500rpm. Its ultra-low-loss etaPERF™ motor with Smooth Commutation Drive 2 technology doesn't only provide unprecedented energy efficiency and running smoothness, but thanks to the new SupraTorque™ feature, it can also leverage extra torque headroom to keep the fan at its desired speed when working against back pressure, thereby ensuring even better performance on heatsinks and radiators. Topped off with Noctua's reference-class SS02 bearing, a rich bundle of accessories and 6-year manufacturer's warranty, the NF-A12x25 G2 is a premium-quality product through and through. Its superior performance, comprehensive feature set, cutting-edge construction and state-of-the-art materials set a new standard within Noctua's portfolio and make it an elite choice for the most discerning demands.

## Next-generation performance

Building upon the success of the original NF-A12x25, the G2 version introduces a refined blade geometry and a novel motor design, both of which enable a significant boost in performance-to-noise efficiency. This enables the NF-A12x25 G2 to achieve superior results across various applications, including water cooling radiators, heatsinks, and case fan setups.

## Highly optimised P/Q curve for all applications

The NF-A12x25 G2'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 G2 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 G2 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.

## 6-year manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A12x25 G2 features an MTTF of more than 150,000 hours rating and comes with a full 6-year manufacturer's warranty.

## NF-A12x25 G2 PWM FAN SPECIFICATIONS

Dimensions	120x120x25 mm	
Connector	4-pin PWM	
Bearing	SS02	
Blade geometry	Progressive-Bend impeller	
Frame technology	AAO (Advanced Acoustic Optimisation)	
Max. input power	1.8 W	
Voltage	12 V	
MTTF	> 150,000 h	

NF-A12x25 G2 PWM	without adaptor	with L.N.A.
Rotational speed (+/-10%)	1800 RPM	1500 RPM
Airflow (m³/h)	107.3 m³/h	87.2 m³/h
Acoustical noise dB(A)	22.5 dB(A)	18.1 dB(A)
Static pressure (mmH₂O)	3.14 mmH₂O	1.71 mmH₂O