



Noctua NF-A14 ULN 140mm Premium Fan - Sleeved

\$24.95

Product Images



Description

The NF-A14 is a premium quality quiet 140mm fan with a square frame that complies with Noctua's AAO (Advanced Acoustic Optimisation) standard. Its square shape and 140mm mounting holes (124.5mm spacing) make it ideal for use on watercooling radiators or as an upgrade for 140mm case fans. Featuring sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-A14 further improves the renowned quiet cooling performance of the award-winning NF-P14. The ULN version provides super-slow 800/650rpm speed settings for ultra-low-noise applications and highly noise sensitive users who demand near-silent operation. Its superb running smoothness, reference-class SSO2 bearing and Noctua's trusted premium quality make it an elite choice for the highest demands.

A successor to the award-winning NF-P14

Noctua's NF-P14 fan has become a default-choice among PC enthusiasts looking for a premium quality quiet 140mm fan. Thanks to its efficient aerodynamic optimisations, the NF-A14 provides higher static pressure and an even better airflow/noise ratio than its much acclaimed predecessor.

Square 140mm frame

The NF-A14s square 140mm frame with 140mm mounting holes (124.5mm spacing) makes it a premium grade replacement for common 140mm case fans and perfect for use on 140mm water cooling radiators, where its square shape will ensure full coverage and best pressure performance.

Flow Acceleration Channels

The NF-A14 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.

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 fans 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. button

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-A14 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. button

Metal bearing shell

In order to guarantee the highest possible degree of manufacturing precision, minimum tolerance and

excellent long-term stability, the NF-A14 sports a CNC milled bearing shell made entirely from brass.

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-A14 remarkably quiet even at very close distances.

2 speed settings for maximum quietness

Providing 800 and 650 rpm speed settings via the supplied adaptor, the ULN (Ultra-Low-Noise) version is tailor made for serious silent enthusiasts who demand super-slow running speeds and utmost quietness of operation.

Extensive cabling options

The fans 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 and the supplied 3 to 4 pin adaptor allows you to connect the fan directly to the power supply.

Ultra-Low Power Consumption

Despite its further improved performance, the NF-A14 ULN consumes only 0.48 watts of power. This doesn't only make it eco-friendly but also helps to cut down the electricity bill!

6 years manufacturers warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A14 features an MTBF of more than 150,000 hours rating and comes with a full 6 years manufacturer's warranty.

Specifications

Size	140x140x25 mm
Connector	3-pin
Bearing	SSO2
Blade Geometry	A-Series with Flow Acceleration Channels
Frame Technology	AAO (Advanced Acoustic Optimisation)
Rotational Speed (+/- 10%)	800RPM
Rotational Speed with L.N.A. (+/- 10%)	650 RPM
Airflow	46.9 CFM
Airflow with L.N.A.	39.1 CFM

Acoustical Noise	11.9 dB(A)
Acoustical Noise with L.N.A.	9.1 dB(A)
Static Pressure	0.69 mm H2O
Static Pressure with L.N.A.	0.42 mm H2O
Max. Input Power	0.48 W
Max. Input Current	0.08 A
Voltage	12 V
MTBF	> 150.000 h
Contents	Low-Noise Adaptor (L.N.A.), 3:4-Pin Adaptor, 30cm Extension Cable, 4 Vibration-Compensators, 4 Fan Screws
Warranty	72 months
EAN barcode	4716123314820

Additional Information

Brand	Noctua
SKU	NF-A14ULN
Weight	0.6000
Color	Brown
Fan Dimensions	140mm
Fan Width	25mm
Fan Connection	3-Pin
Fan Voltage	12 VDC
Fan RPM	800
Fan CFM	47
Fan Noise (dB)	12

