

# NF-A14 ULN

## Noctua NF-A14 ULN Premium Fan



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 super-running smoothness, reference-class SS02 bearing and Noctua's trusted premium quality make it an elite choice for the highest demands.

### Square 140mm frame

The NF-A14's 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 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.

### 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.

### 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.

### 6 years manufacturer's warranty

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

### LOGISTIC DATA

Product name  
Noctua NF-A14 ULN

EAN  
4716123314820

UPC  
842431014221

Packaging dimensions (HxWxD)  
242x174x37 mm

Weight incl. packaging  
350 g

Warranty  
6 years

Packaging unit  
40 pcs

Packaging dimensions / unit (HxWxD)  
440x400x390 mm

Weight incl. packaging / unit  
15.30 kg

### SCOPE OF DELIVERY

NF-A14 ULN premium fan

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

3:4 pin adaptor

30cm extension cable

4x vibration-compensators

4x fan screws

### SPECIFICATIONS

Dimensions	140x140x25 mm
Bearing	SS02
Blade geometry	A-Series with Flow Acceleration Channels
Max. input power / voltage	0.36 W / 12 V
MTTF	> 150,000 h

NF-A14 ULN	w/o adaptor	with L.N.A.
Max. rotational speed (+/-10%)	800 RPM	650 RPM
Max. airflow	79.8 m³/h	66.4 m³/h
Max. acoustical noise	11.9 dB(A)	9.1 dB(A)
Max. static pressure	0.69 mmH <sub>2</sub> O	0.42 mmH <sub>2</sub> O