

NF-R8 PWM

Noctua NF-R8 PWM Premium Fan



The classic NF-R8 80mm fan helped to found Noctua's reputation as a top-tier manufacturer of premium quality quiet cooling components and still impresses users with its exquisite quietness and superb performance. The new PWM version features Noctua's novel, custom designed PWM IC for fully automatic control and ultra-low power consumption. Equipped with Noctua's signature SSO bearing and topped off with a 6 years manufacturer's warranty, the NF-R8 PWM is a proven premium choice for the highest demands.

Proven NF-R8 Design

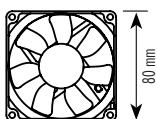
Tens of thousands of quiet cooling enthusiasts swear by Noctua's classic NF-R8. Its impressive quietness, excellent performance and impeccable, time-tested quality made the R8 a default choice for 80mm quiet cooling.

Custom designed PWM IC with SCD

Supporting fully automatic PWM speed control, the NF-R8 PWM uses Noctua's novel, custom designed NE-FD1 PWM IC that integrates Smooth Commutation Drive (SCD) technology. By providing smoother torque impulses, SCD suppresses PWM switching noises and thus makes the fan quieter at lower speeds. button

6 years manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-R8 PWM features an MTBF rating of more than 150.000 hours and comes with a full 6 years manufacturer's warranty.



Low-Noise Adaptor

The NF-R8 PWM is supplied with a Low-Noise Adaptor (L.N.A.) that reduces the maximum fan speed from 1800 to 1300rpm. The L.N.A. can be used either to run the fan at a fixed speed of 1300rpm or to cap the maximum speed when using automatic PWM control.

Extensive Cabling Options

The fan's 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 a 4-pin y-cable allows to connect a second NF-R8 fan to the same PWM fan header for automatic control.

SSO-Bearing

Combining the proven concept of hydrodynamic bearing with an additional magnet that supports the self-stabilisation of the rotor axis, Noctua's time-tested SSO-Bearing technology has become synonymous with supremely quiet operation and exceptional long-term stability. button

SPECIFICATIONS

Size	80 x 80 x 25 mm
Bearing	SSO-Bearing
Blade Geometry	Raised Blade Design
Max. Input Power	0.72 W
Voltage	12V
MTBF	> 150.000 h

NF-R8 PWM	w/o adaptors	with L.N.A.
Max. Rotational Speed	1800 RPM	1300 RPM
Max. Airflow	53.3 m³/h	39.4 m³/h
Max. Acoustical Noise	17.1 dB(A)	10.2 dB(A)
Max. Static Pressure	1.41 mmH20	0.74 mmH20

SCOPE OF DELIVERY

NF-R8 PWM 80mm Premium Fan
Low-Noise Adaptor (L.N.A.)
4-Pin Y-Cable
30cm Extension Cable
4 Vibration-Compensators
4 Fan Screws