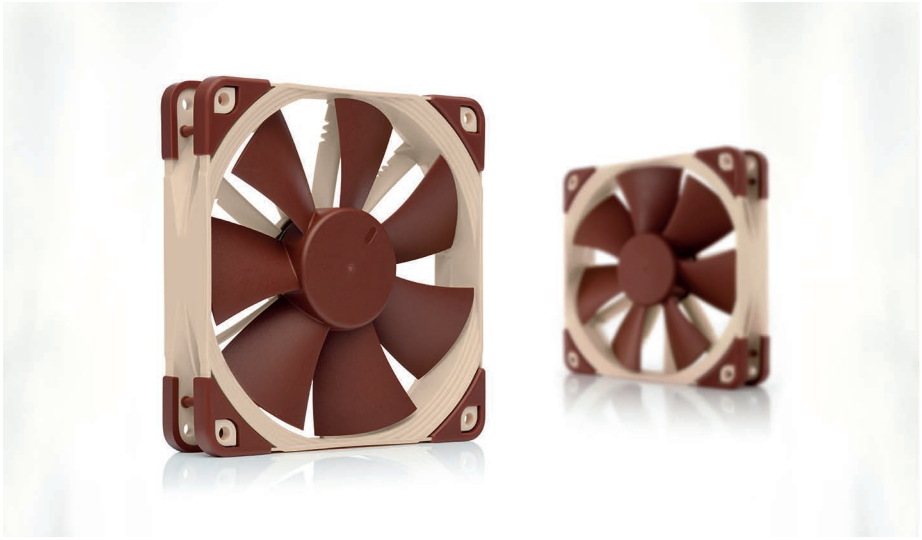
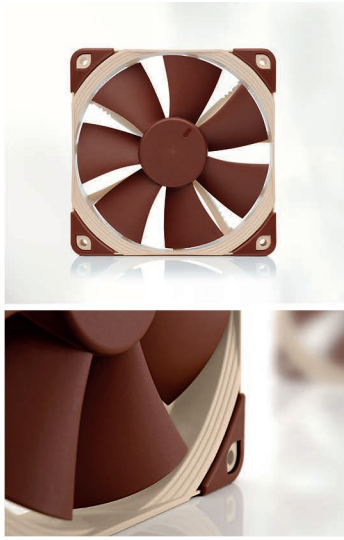
Noctua NF-F12 5V Premium Fan

NF-F12 5V





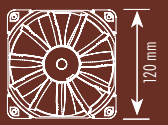
The NF-F12 5V is a dedicated 5V version of Noctua's award-winning, premium-quality NF-F12 120mm fan. Featuring an AAO (Advanced Acoustic Optimisation) standard frame and sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-F12 5V is renowned for its superior performance and outstanding quietness of operation. Featuring an AAO (Advanced Acoustic Optimisation) standard frame and sophisticated aerodynamic design measures such as the FocusedFlowTM system, the NF-F12 is renowned for its superior performance and outstanding quietness of operation. Topped off with the included USB power adaptor cable, OmniJoin™ adaptor set and 6-year manufacturer's warranty, the NF-F12 5V is a premium choice for demanding 5V applications.

LOGISTIC DATA

Product name	Noctua NF-F12 5V
EAN	9010018100266
UPC	841501110269
Packaging dimensions (HxWxD)	210x150x34 mm
Weight incl. packaging	330 g
Warranty	6 years
Packaging unit	36 pcs
Packaging dimensions / unit (HxWxD)	380x350x360 mm
Weight incl. packaging / unit	13.10 kg

SCOPE OF DELIVERY

- NF-F12 5V premium fan
- 4x anti-vibration mounts
- 30cm extension cable
- USB power adaptor cable
- OmniJoin adaptor cable
- 4x fan screws



Award-winning NF-F12 design

Having received more than 100 awards and recommendations from the international press, Noctua's NF-F12 5V has become a proven premium choice for 120mm cooling needs. Its renowned efficiency has convinced tens of thousands of customers all over the world.

5V version

5V fans are used in various devices and applications. With the included USB power adaptor cable and OmniJoin™ adaptor set, the NF-F12 5V is a proven premium solution that gives you full flexibility both for replacing existing 5V fans and for new, custom applications.

Heptaperf™

Custom-designed for the new Focused Flow™ frame and to work in tandem with the eleven stator guide vanes, the NF-F12 5V's seven-blade Heptaperf™ impeller has been carefully optimised to achieve a perfect balance between power and quietness.

OmniJoin Adaptor Set

Many devices featuring 5V fans use proprietary fan headers, so the NF-F12 5V comes with Noctua's OmniJoin adaptor set. Just cut the original fan's cable, fix it to the adaptor using the supplied cable connectors and you can plug the NF-F12 5V to proprietary fan headers!

USB power adaptor cable

The fan includes a USB power adaptor cable that allows it to run on power banks, devices with USB host ports or USB power supplies such as those used for smartphones, giving you near endless possibilities for using the fan in your home, in your car or wherever a need for cooling occurs!

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.

Polarity protection

As many devices using 5V fans feature proprietary connectors, and documentation of the pin alignment may not be available, the fan features an integrated diode for polarity protection. This way, you're on the safe side if you accidentally connect it with reverse polarity.

6-year manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-F12 5V features an MTTF of more than 150,000 hours rating and comes with a full 6-year manufacturer's warranty.

Being a 5V fan, the NF-F12 5V cannot be run at 12V and will be damaged when used with typical 12V power sources such as PC motherboard fan headers.

SPECIFICATIONS

Dimensions	120x120x25 mm
Connector	3-pin
Bearing	SSO2
Blade geometry	Heptaperf™
Frame technology	Focused Flow™
Max. input power / voltage	0.75 W / 5 V
MTTF	> 150,000 h

NF-F12 5V	w/o adaptor
Max. rotational speed (+/–10%)	1500 RPM
Max. airflow	93.4 m^3/h
Max. acoustical noise	22.4 dB(A)
Max. static pressure	2.61 mmH_2O

noctua DESIGNED IN AUSTRIA

Designed in Austria, Noctua's premium cooling components are internationally renowned for their superb quietness, exceptional performance and thoroughgoing quality. Having received more than 6000 awards and recommendations from leading hardware websites and magazines, Noctua's fans and heatsinks are chosen by more than a hundred thousand satisfied customers around the globe.

www.noctua.at