

# NF-A20 5V

# Noctua NF-A20 5V Premium Fan



The NF-A20 5V is a dedicated 5V version of Noctua's award-winning, premium-quality NF-A20 200mm fan. Featuring an AAO (Advanced Acoustic Optimisation) standard frame and sophisticated aerodynamic design measures such as Flow Acceleration Channels, the NF-A20 5V is renowned for its superior performance and outstanding quietness of operation. Smooth Commutation Drive technology and Noctua's reference class SSO2 bearing guarantee superb running smoothness and excellent long-term stability. Topped off with the included USB power adaptor cable, OmniJoin™ adaptor set and 6-year manufacturer's warranty, the NF-A20 5V is a premium choice for demanding 5V applications.

### Award-winning Noctua quality in 20cm size

While more and more PC cases support 20cm intake, side-panel or exhaust fans, many of the bundled stock units and available aftermarket options are of questionable quality. By contrast, the NF-A20 5V is a true premium grade solution worthy of Noctua's award-winning A-series.

### 154mm, 110x180mm and 170mm hole spacing

In order to ensure broad compatibility with today's PC cases, the NF-A20 5V features three sets of mounting holes: While the 154x154mm and 110x180mm spacing allow it to replace most 200mm fans, the 170x170mm spacing is used by many 230 and 250mm fans, which can thus also be replaced by the NF-A20 5V.\*

### 5V version

5V fans are used in various devices and applications. With the included USB power adaptor cable and OmniJoin™ adaptor set, the NF-A20 5V is a proven premium solution that gives you full flexibility both for replacing existing 5V fans and for new, custom applications.

### OmniJoin Adaptor Set

Many devices featuring 5V fans use proprietary fan headers, so the NF-A20 5V comes with Noctua's OmniJoin adaptor set. Just cut the original fan's cable, fix it to the adaptor using the supplied 3M Scotchlok™ connectors and you can plug the NF-A20 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!

### 6-year manufacturer's warranty

Noctua fans are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the NF-A20 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-A20 5V cannot be run at 12V and will be damaged when used with typical 12V power sources such as PC motherboard fan headers.*

*\*As there is no fixed industry standard for the size or hole spacing of 200mm, 220mm, 230mm or 250mm fans, please carefully check both the hole setup of your chassis and the available space (the NF-A20 5V is 30mm thick whereas some other 200mm fans are only 20mm!) in order to verify that the NF-A20 5V is compatible with your chassis. In case of doubt, please contact our customer support (support@noctua.at).*

## LOGISTIC DATA

Product name	Noctua NF-A20 5V
EAN	9010018100068
UPC	841500110062
Packaging dimensions (HxWxD)	285x285x38 mm
Weight incl. packaging	721 g
Warranty	6 years
Packaging unit	10 pcs
Packaging dimensions / unit (HxWxD)	315x300x420 mm
Weight incl. packaging / unit	8.00 kg

## SCOPE OF DELIVERY

NF-A20 5V premium fan
30cm extension cable
4x anti-vibration mounts
USB power adaptor cable
OmniJoin adaptor cable
4x fan screws



## SPECIFICATIONS

Dimensions	200x200x30 mm
Bearing	SSO2
Connector	3-pin
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO
Max. input power / voltage	0.85 W / 5 V
MTTF	> 150,000 h
NF-A20 5V	w/o adaptor
Max. rotational speed (+/-10%)	800 RPM
Max. airflow	146.9 m³/h
Max. acoustical noise	18.1 dB(A)
Max. static pressure	1.08 mmH <sub>2</sub> O