

NF-A20 5V PWM

Noctua NF-A20 5V PWM Premium Fan



The NF-A20 5V PWM is a PWM-enabled 5V variant 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 is renowned for its superior performance and outstanding quietness of operation. Smooth Commutation Drive technology and Noctua's reference class SS02 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 PWM is a premium choice for demanding 5V applications that require PWM control.

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 PWM 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 PWM 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 PWM.*

5V PWM version

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

OmniJoin Adaptor Set

Many devices featuring 5V fans use proprietary fan headers, so the NF-A20 5V PWM 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-A20 5V PWM 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 PWM 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 PWM 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 PWM is 30mm thick whereas some other 200mm fans are only 20mm!) in order to verify that the NF-A20 5V PWM 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 PWM
EAN	9010018100075
UPC	841500110079
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 PWM premium fan
30cm extension cable
4x anti-vibration mounts
USB power adaptor cable
OmniJoin adaptor cable
4x fan screws



SPECIFICATIONS

Dimensions	200x200x30 mm
Bearing	SS02
Connector	4-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 PWM	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 mmH₂O