

NF-A14x25 G2 PWM Sx2-PP

Dual Fan Set for Push-Pull and Side-by-Side Applications



物流数据

产品名称

Noctua NF-A14x25 G2 PWM Sx2 PP

EAN 条码

9010018100655

UPC 条码

841501110658

包装尺寸(HxWxD)

33x369x148 mm

毛重

682 g

保修期

6 年

数量/箱

20 pcs

包装尺寸/箱(HxWxD)

342x388x373 mm

毛重/箱

14.50 kg

产品清单

NF-A14x25 G2 PWM PPA

NF-A14x25 G2 PWM PPB

2x NA-RC16 低噪音适配器(L.N.A.)

NA-YC1 4-pin PWM 分线器线材

2x NA-EC1 30cm 延长线

8x NA-AV2 防震支架

2x NA-AVG2-LR 适用于水冷的防震垫片

8x NA-AVP1-LR 防震垫片

8x 风扇螺丝

The NF-A14x25 G2 PWM Sx2-PP is a set of two NF-A14x25 G2 PWM square-frame 140mm fans that are offset in speed, which can be beneficial in push-pull operation as well as in situations where two fans are operating side by side, such as in case cooling applications or on 280mm water cooling radiators. When two fans are running at almost the same, constant speed in a push-pull configuration or, albeit to a lesser extent, side by side, their acoustic interaction can lead to undesirable harmonic phenomena such as intermittent vibrations or periodic humming due to interference, which can be heard as beat frequencies. Therefore, the two NF-A14x25 G2 PWM fans contained in the Sx2-PP set are slightly offset in speed (+/- ~25rpm) in order to avoid such phenomena. This fine-tuning is made possible by the fans' novel etaPERF™ motor and its NE-FD6 driver IC that achieves extremely precise speed control and, thanks to its SupraTorque™ feature, can leverage extra torque headroom to keep the exact desired speed even when working against significant flow resistance such as on water cooling radiators and heatsinks. With one fan running ~25rpm slower (PPA) and one ~25rpm faster (PPB), the overall cooling performance can be kept the same while efficiently preventing intermittent vibrations or periodic humming. Since the perception of beat frequencies can vary depending on psychoacoustic preferences, users can easily further optimise acoustics by slowing the PPA fan down a little more through PWM control or the supplied Low-Noise-Adaptor, which will result in an even smoother sound signature due to the increased offset.

Dual fan set for push-pull and side-by-side usage

Bundling two NF-A14x25 G2 PWM fans that are speed-offset by +/- ~25rpm in order to avoid undesired acoustic interaction phenomena, the Sx2-PP set is the ideal choice for push-pull configurations as well as situations where two fans are operating side by side such as on 280mm radiators or in typical case cooling applications.

Next-generation performance

Noctua's NF-A14 is renowned as being among the best 140mm fans on the market and has received more than 100 awards and recommendations from the international press. With its further improved efficiency and novel, state-of-the-art engineering, the NF-A14x25 G2 represents another step up in performance and manufacturing.

Highly optimised P/Q curve for all applications

The NF-A14x25 G2's sophisticated aerodynamic design allows for a pressure to airflow (P/Q) curve that is extremely strong in the critical mid-section. This means that the NF-A14x25 G2 is a true jack-of-all-trades with excellent performance in both static pressure and airflow demanding applications.

6年制造商的保修

Noctua 风扇以其无可挑剔的品质和出色的使用寿命而著名。与所有 Noctua 风扇一样，NF-A14x25 G2 PWM 的平均无故障运行时间都超过150,000小时，并提供完整的6年制造商保修服务。

NF-A14x25 G2 PWM 风扇规格

尺寸	140x140x25 mm	
接头	4-pin PWM	
轴心	SS02	
扇叶形状	渐进式弯曲扇叶	
框架技术	AA0 (高级声学优化)	
最大输入功率	2.28 W	
额定电压	12 V	
平均无故障运行时间	> 150,000 h	
NF-A14x25 G2 PWM	不带适配器	带 L.N.A.
转速(+/-10%)	1500 RPM	1250 RPM
气流(m³/h)	155.6 m³/h	127.1 m³/h
噪音dB(A)	24.8 dB(A)	19.7 dB(A)
风压(mmH₂O)	2.56 mmH₂O	1.3 mmH₂O