NH-D15 G2
NEXT-GEN D-TYPE PREMIUM COOLER

168
150
152
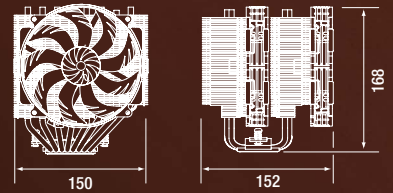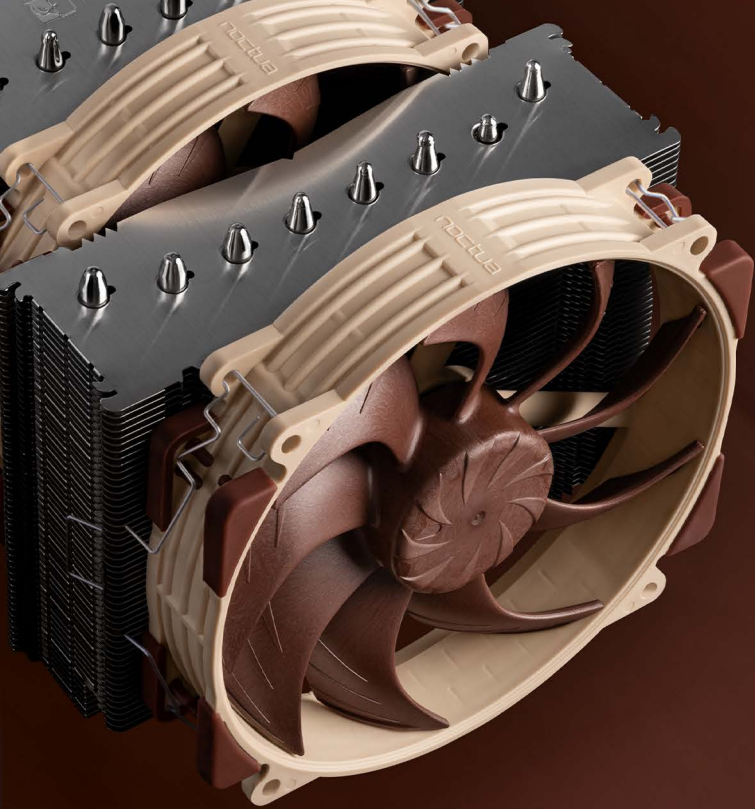
LOGISTIC DATA

Product name
Noctua NH-D15 G2

EAN
9010018000405

UPC
841501100406

Packaging dimensions (HxWxD)
239x188x188 mm

Weight incl. packaging
2460 g

Warranty
6 years

Packaging unit
8 pcs

Packaging dimensions / unit (HxWxD)
515x400x400 mm

Weight incl. packaging / unit
21.00 kg

SCOPE OF DELIVERY

NH-D15 G2 Heatsink

2x NF-A14x25r G2 PWM premium fan

2x NA-RC14 Low-Noise Adaptor (L.N.A.)

NA-YC1 4-pin PWM splitter cable

NT-H2 high-grade thermal compound

NA-TPG1 thermal paste guard for AM5

NA-CW1 cleaning wipe

SecuFirm2+™ multi-socket mounting system

4x NM-ISW1 shim washers for LGA1700

NM-SD1 Torx® T20 screwdriver

Noctua metal case-badge

The NH-D15 G2 is the further improved second generation of Noctua's iconic NH-D15. With its state-of-the-art, speed-offset NF-A14x25r G2 PWM fans, eight heatpipes and asymmetrical fin-stacks that have been carefully fine-tuned to work in tandem with the new fans, it achieves even better quiet cooling performance than its award-winning predecessor. As such, the G2 version is a true flagship model that continues the legacy of the original NH-D15 by pushing the boundaries of air cooling and rivalling the efficiency of many all-in-one (AIO) water cooling solutions. In addition to its further improved performance, the NH-D15 G2 also offers enhanced compatibility thanks to an offset construction that allows it to clear the top PCIe x16 slot on most current motherboards. Last but not least, the G2 version has been upgraded to the Torx®-based SecuFirm2+™ multi-socket mounting system with included NM-SD1 screwdriver as well as to Noctua's superior NT-H2 thermal compound. In short, the NH-D15 G2 has been further refined in virtually all respects from the heatsink and the fans all the way down to the mounting, thermal paste and accessory package. Topped off with Noctua's trusted 6-year manufacturer's warranty, it's the new number one choice for customers who demand the best of the best in air cooling.

Next-generation performance
For an entire decade, the original NH-D15 was widely regarded as the best air cooler on the market. The G2 version continues this legacy by further improving the renowned quiet cooling performance of its iconic predecessor. Especially in challenging conditions with higher heat-loads, the NH-D15 G2 can achieve up to several degrees lower temperatures and thereby offer a thermal headroom that enables higher turbo clock speeds.

8 heatpipes for superior performance at higher heat-loads
The NH-D15 G2 utilises eight instead of six heatpipes compared to the original NH-D15. The increased thermal capacity of the extra heatpipes is especially helpful at extreme heat-loads such as 250W and beyond, where the performance boost over the original NH-D15 is the biggest.

Regular all-round version with medium base convexity
The regular NH-D15 G2 uses the same medium base convexity as most other Noctua heatsinks, which makes it a perfect all-rounder that provides optimal results on AM5 with the included offset mounting and on fresh, unused LGA1700 CPUs when utilising the included NM-ISW1 shim washers or so-called contact frames to reduce CPU deformation from ILM pressure. For further details, see this FAQ.

6-year manufacturer's warranty
Noctua products are renowned for their impeccable quality and outstanding longevity. True to this legacy, the NH-D15 G2 heatsink is built to last, and like all Noctua fans, the supplied NF-A14x25r G2 units feature an MTTF rating of more than 150,000 hours. The entire package comes with a full 6-year manufacturer's warranty.

NH-D15 G2 HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM5, AM4 and Intel LGA1851, LGA1700, LGA1200, LGA1156, LGA1155, LGA1151, LGA1150
Dimensions	168x150x152 mm
Dimensions with 2x NF-A14x25r G2 PWM	168x150x152 mm
Weight	1180 g
Weight with 2x NF-A14x25r G2 PWM	1525 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	2x NF-A14x25r G2 PWM

NF-A14x25r G2 PWM FAN SPECIFICATIONS

Dimensions	140x140x25 mm	
Connector	4-pin PWM	
Bearing	SSO2	
Blade geometry	Progressive-Bend impeller	
Frame technology	AAO (Advanced Acoustic Optimisation)	
Max. input power	2.28 W	
Voltage	12 V	
MTTF	> 150,000 h	
NF-A14x25r G2 PWM	without adaptor	with L.N.A.
Rotational speed (+/−10%)	1500 RPM	1250 RPM
Airflow (m³/h)	155.6 m³/h	127.1 m³/h
Acoustical noise dB(A)	24.8 dB(A)	19.7 dB(A)
Static pressure (mmH$_2$0)	2.56 mmH$_2$0	1.3 mmH$_2$0

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