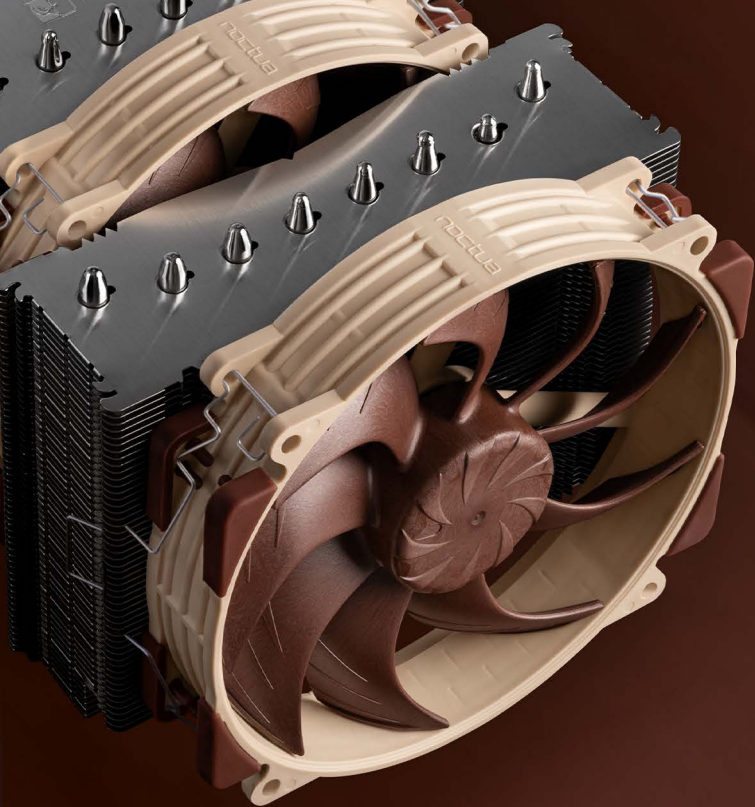
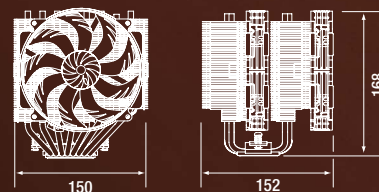




NH-D15 G2 LBC

NEXT-GEN D-TYPE PREMIUM COOLER



LOGISTIC DATA

Product name

Noctua NH-D15 G2 LBC

EAN

9010018000429

UPC

841501100420

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 LBC Heatsink

2x NF-A14x25r G2 PWM premium fan

2x NA-RC16 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-1SW1 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. Optimised for relatively flat CPUs, the specialised Low Base Convexity (LBC) version provides excellent contact quality on AMD's AM5 processors, even if the included offset mounting option isn't used. 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.

NH-D15 G2 LBC 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

Specialised LBC (Low Base Convexity) version

The Low Base Convexity (LBC) version achieves optimal contact quality on relatively flat CPUs. As such, it is ideal for AM5 even if the offset mounting isn't used or if users seek to combine the lowest possible CCD temperatures with the lowest possible IOD temperatures. The LBC version is also recommended for AM4, LGA2066 and LGA2011 (-3) (free-of-charge NM-i20xx mounting kit required), direct die applications as well as CPUs that have been lapped flat or outfitted with flat custom heat-spreaders. For further details, see this FAQ.

NF-A14x25r G2 PWM FAN SPECIFICATIONS

Dimensions	140x140x25 mm	
Connector	4-pin PWM	
Bearing	SS02	
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 (mmH₂O)	2.56 mmH₂O	1.3 mmH₂O

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.



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