



NOCTUA NH-U12A chromax.black

U-Type Premium Cooler

The NH-U12A chromax.black is an all-black version of Noctua's award-winning NH-U12A premium-quality quiet CPU cooler. Thanks to the same proven asymmetrical single-tower heatsink design and state-of-the-art NF-A12x25 PWM fans, it stays true to the NH-U12A's successful formula of fusing best-in-class cooling performance with superb quietness of operation and outstanding RAM, case and PCIe compatibility. At the same time, the chromax.black version with its black fans and black coated heatsink combines these assets with a sleek stealth look. Topped off with the renowned SecuFirm2™ multi-socket mounting system, Noctua's enthusiast-grade NT-H1 thermal compound and a full 6-year manufacturer's warranty, the NH-U12A chromax.black is a deluxe choice for customers who seek a highly compatible 120mm heatsink that can rival the performance of 140mm units and looks just as great as it cools.

Award-winning NH-U12A cooler

The NH-U12A has proven in countless tests that it can match or even outperform many 140mm sized coolers while offering 120mm class case and PCIe compatibility. This winning combination of top-tier performance and excellent compatibility has earned the NH-U12A awards and recommendations from more than 100 hardware website and magazines across the world.

chromax.black design

The NH-U12A chromax.black is black from head to toe: featuring a black coated heatsink, a black fan with black anti-vibration pads, black fan clips and black mounting parts, it's right at home in all-black builds and easy to integrate with other colour schemes.

Colour-customisable

Using the optional NA-HC7 and NA-HC8 heatsink covers as well as the NA-SAVP1 anti-vibration pads (available in black, blue, green, red, yellow, white), the NH-U12A chromax.black can be fully customised to fit popular build colour schemes such as black and red or black and white.

6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. True to this legacy, the NH-U12A heatsink is built to last, and like all Noctua fans, the supplied NF-A12x25 units feature an MTTF rating of more than 150,000 hours. The entire package comes with a full 6-year manufacturer's warranty.

LOGISTIC DATA

Product name	Noctua NH-U12A chromax.black
EAN	9010018000245
UPC	841501100246
Packaging dimensions (HxWxD)	216x175x170 mm
Weight incl. packaging	1082 g
Warranty	6 years
Packaging unit	8 pcs
Packaging dimensions / unit (HxWxD)	455x377x363 mm
Weight incl. packaging / unit	15.60 kg

NH-U12A HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4, AM5 & Intel LGA1700 (LGA17xx family), LGA1200, LGA115x (LGA1150, LGA1151, LGA1155, LGA1156) and LGA20xx (LGA2066, LGA2011-0 & LGA2011-3 Square ILM)
Dimensions (with 2x NF-A12x25 PWM)	158x125x58 mm (158x125x112 mm)
Weight (with 2x NF-A12x25 PWM)	760 g (1220 g)
Material	Copper (base and heatpipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	140x150x25 mm & 120x120x25 mm

NF-A12x25 PWM FAN SPECIFICATIONS

Dimensions	120x120x25 mm	
Connector	4-pin PWM	
Bearing	SSO2	
Blade geometry	A-Series with Flow Acceleration Channels	
Frame technology	AAO	
Max. input power	1.68 W	
Voltage	12 V	
MTTF	> 150,000 h	
NF-A12x25 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	2000 RPM	1700 RPM
Max. airflow	102.1 m³/h	84.5 m³/h
Max. acoustical noise	22.6 dB(A)	18.8 dB(A)
Max. static pressure	2.34 mmH ₂ O	1.65 mmH ₂ O

SCOPE OF DELIVERY

- Black NH-U12A heatsink
- 2x NF-A12x25 PWM chromax.black premium fan
- 2x Low-Noise Adaptor (L.N.A.)
- 4-pin PWM y-cable
- NT-H1 thermal compound
- Black SecuFirm2™ mounting-kit
- Noctua metal case-badge

