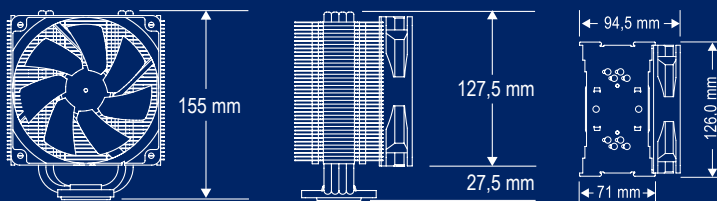




The NH-U12F is the newest version of the NH-U12, which won over 100 awards and recommendations from leading international web sites and magazines. The NH-U12F can be rotated by 90° on all sockets, boasts full compatibility with AMD's new AM2 socket and comes equipped with a Noctua NF-S12 120mm fan, which has a minimum noise rating of only 8dB(A). Thanks to the 4 Dual-Heat-Pipes, 38 aluminium cooling fins with a total surface area of more than 5000cm<sup>2</sup> and soldered joints for optimal heat-transfer, the Noctua NH-U12F achieves superior cooling performance at minimum noise levels.

Socket compatibility	LGA 771 & mPGA604 XEON 5000 & 7000
Size (without fan, H x B x T)	155 x 126 x 70 mm
Size (without fan, H x B x T)	155 x 126 x 95 mm
Weight	790 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints
Application	Intel all frequencies AMD all frequencies

Fan size	120x120 x 25 / 120x120x38 mm (2 fans mountable!)
Fan	Noctua NF-S12-1200
Bearing	SSO-Bearing
Blade Geometry	Straight Blade Design
Rotational Speed (+/-10%)	1200 RPM
Rotational Speed with U.L.N.A. (+/-10%)	800 RPM
Airflow	81 m <sup>3</sup> /h
Airflow with U.L.N.A.	59 m <sup>3</sup> /h
Acoustical Noise	17 dB(A)
Acoustical Noise with U.L.N.A.	8 dB(A)
Input Power	1.44 W
Input Current	0.12 A
Voltage Range	4 - 13 V
MTBF	> 150.000 h



Product  
**Noctua NH-U12F**

Warranty  
**6 Years**

Packaging Typ Pcs./Colli  
**Black Box 12**

Scope of Delivery

- NH-U12F
- NF-S12-1200
- Complete mounting hardware
- Ultra-Low-Noise Adapter (U.L.N.A.)
- Thermal Paste
- Anti-Vibration-Strips