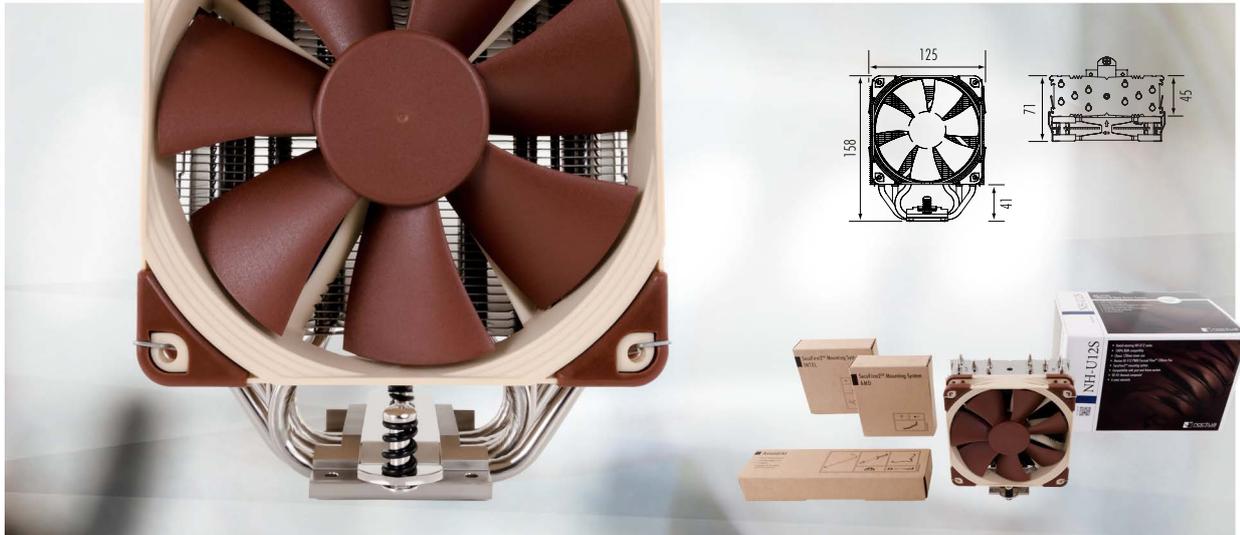


# NH-U12S SE-AM4

## Noctua NH-U12S SE-AM4 U-Type Premium Cooler



Continuing the legacy of Noctua's classic NH-U-series, which has received more than 500 awards and recommendations from international hardware websites and magazines, the NH-U12S has become a benchmark for slim, highly compatible 120mm single tower coolers. The SE-AM4 version is a dedicated special edition for AMD's AM4 platform, featuring the latest SecuFirm2™ mounting system for AM4. Topped off with the renowned quiet NF-F12 PWM 120mm fan, Noctua's proven NT-H1 thermal compound and a full 6-year manufacturer's warranty, the NH-U12S SE-AM4 forms a complete premium-quality solution that combines outstanding performance, superb acoustics and excellent compatibility for AM4 systems.

### Award-winning NH-U12S cooler

Tens of thousands of enthusiast users all over the world swear by the NH-U12S' quality and performance. Recommended by more than 200 international hardware websites and magazines, it is renowned as being one of the best 120mm coolers on the market.

### Dedicated special edition for AM4

The NH-U12S SE-AM4 brings the NH-U12S' signature quiet cooling performance to AMD's new AM4 platform. With its excellent balance of efficiency, quietness and compatibility, the NH-U12S SE-AM4 is a perfect fit for premium-class AM4 builds.

### Anti-vibration pads and fan clips for second NF-F12 (optional)

For users who want to achieve even better performance by adding a second, optional NF-F12 fan to create a push/pull setup, the NH-U12S includes fan clips and an extra set of custom-designed anti-vibration pads that allow the rear fan to be offset by 5mm to improve acoustics in dual-fan mode.

### 100% RAM compatibility

Thanks to its slim design, with only 45mm fin depth, the NH-U12S will not overhang the RAM slots on AM4 mainboards, even with two fans installed. This gives the user easy access to the memory modules and allows using RAM with tall heat spreaders or optional memory fans.

### PWM support and Low-Noise Adaptor

The NF-F12 120mm fan supplied with the NH-U12S supports PWM for convenient automatic speed control through the mainboard. In addition, the maximum fan speed can be reduced from 1500 to 1200rpm using the supplied Low-Noise Adaptor for even quieter operation.

### 6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-F12 features an MTF rating of more than 150,000 hours and the entire NH-U12S package comes with a full 6-year manufacturer's warranty.

### LOGISTIC DATA

Product name

Noctua NH-U12S SE-AM4

EAN

9010018000078

UPC

841501100079

Packaging dimensions (HxWxD)

158x125x45 mm

Weight incl. packaging

1310 g

Warranty

6 years

Packaging unit

12 pcs

Packaging dimensions / unit (HxWxD)

445x355x470 mm

Weight incl. packaging / unit

16.80 kg

### SCOPE OF DELIVERY

1x NF-F12 PWM premium fan

1x SecuFirm2™ mounting kit AM4

1x NT-H1 thermal compound

1x Low-Noise Adaptor (L.N.A.)

1x Anti-vibration pads and fan clips for NF-F12 premium fan

### NH-U12S HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4
Dimensions	158x125x45 mm
Dimensions with NF-F12 PWM	158x125x71 mm
Weight without NF-F12 PWM	580 g
Weight with NF-F12 PWM	755 g
Material	Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	120x120x25 mm

### NF-F12 PWM FAN SPECIFICATIONS

Dimensions	120x120x25 mm	
Connector	4-pin PWM	
Bearing	SS02	
Blade geometry	Heptaperf™	
Frame technology	Focused Flow™	
Max. input power	0.6 W	
Voltage range	12 V	
MTTF	> 150,000 h	

NF-F12 PWM	without adaptor	with L.N.A.
Max. rotational speed (+/-10%)	1500 RPM	1200 RPM
Max. airflow	93.4 m³/h	74.3 m³/h
Max. acoustical noise	22.4 dB(A)	22.4 dB(A)
Max. static pressure	2.61 mmH <sub>2</sub> O	1.83 mmH <sub>2</sub> O