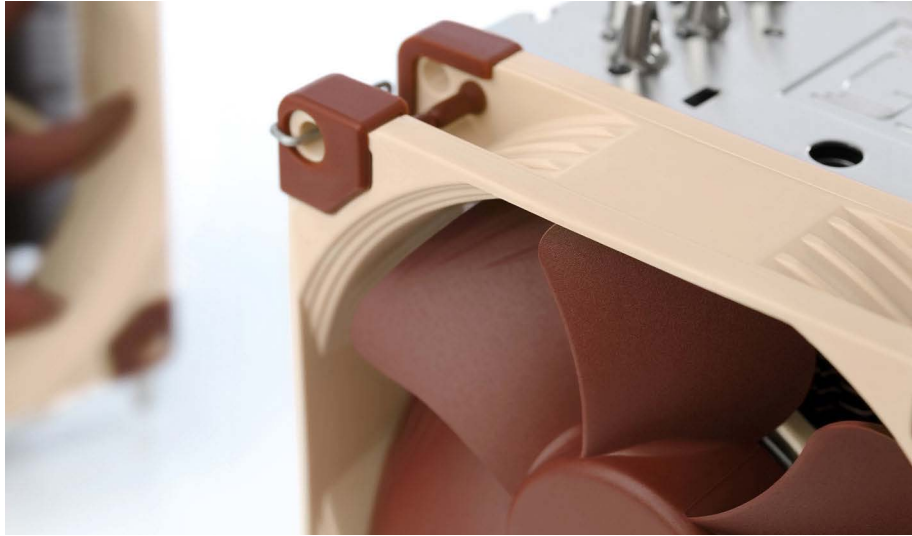


# NH-U9 DX-4677

## Noctua NH-U9 DX-4677 U-Type Tower Cooler



Noctua's DX line CPU coolers have become a default choice in premium grade quiet cooling solutions for Intel Xeon processors. The NH-U9 DX-4677 features a larger, custom-designed contact surface for LGA4677 platforms. Based on the proven, 92mm size NH-U9 heatsink and equipped with two of Noctua's award-winning, PWM controlled NF-A9 92mm fans (high-efficiency 2500rpm version), it combines strong performance with excellent compatibility for 4U systems and other space-restricted applications. The NH-U9's direction of airflow is perpendicular to the long axis of the LGA4677 socket, so it is ideal for systems where the exhaust fans of the chassis are in this direction. For systems that require the airflow to go parallel to the long axis of the socket, please choose the NH-D9 DX-4677 4U. Topped off with the professional SecuFirm2™ mounting system and pre-applied NT-H1 thermal compound, the NH-U9 DX-4677 forms a complete premium quality package for quietly cooling LGA4677 based Xeon workstations and servers.

### DX series for Intel Xeon

First introduced in 2008, Noctua's DX line CPU coolers have become a standard choice when it comes to quiet, premium grade air cooling solutions for Intel Xeon processors. Thanks to their superior acoustic efficiency, they are ideal for workstations and servers that run in noise sensitive environments (e.g. audio/video production, content creation, engineering, etc.).

### Customised for LGA4677

The new DX-4677 line coolers are dedicated, customised solutions for Intel's professional LGA4677 platform, which makes them an ideal fit for both 4th generation Xeon Scalable CPUs (Platinum, Gold, Silver or Bronze) and w9, w7, w5 or w3 series Xeon processors for workstations.

### Compatible with E1A, E1B and E1C carrier frames

LGA4677 processors require plastic CPU carrier frames for installation, which are included with retail boxed CPUs and available separately via Intel sales partners for tray CPUs. The SecuFirm2™ mounting for LGA4677 is compatible with all types of carriers (E1A, E1B, E1C).

### 6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. True to this legacy, the NH-U9 DX-4677 heatsink is built to last, and like all Noctua fans, the supplied NF-A9 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-U9 DX-4677

EAN

9010018000368

UPC

841501100369

Packaging dimensions (HxWxD)

190x180x140 mm

Weight incl. packaging

1300 g

Warranty

6 years

Packaging unit

12 pcs

Packaging dimensions / unit (HxWxD)

585x380x313 mm

Weight incl. packaging / unit

16.10 kg

### SCOPE OF DELIVERY

NH-U9 DX-4677 heatsink

2x NF-A9 HS-PWM premium fan

NA-YC1 4-pin PWM y-cable

NT-H1 high-grade thermal compound (pre-applied)

SecuFirm2™ mounting kit for LGA4677

NM-SMT5 Torx® T30 mounting tool

Noctua metal case-badge

### NH-U9 DX-4677 HEATSINK SPECIFICATIONS

Socket compatibility	Intel Xeon LGA4677
Dimensions	125x95x71 mm
Dimensions with 2x NF-A9 HS-PWM	125x95x120 mm
Weight	660 g
Weight with 2x NF-A9 HS-PWM	895 g
Material	Copper (base and heatpipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	92x92x25mm

### NF-A9 HS-PWM FAN SPECIFICATIONS

Dimensions	92x92x25 mm
Connector	4-pin PWM
Bearing	SS02
Blade geometry	A-Series with Flow Acceleration Channels
Frame technology	AAO
Max. input power	1.68 W
Voltage	12 V
MTTF	> 150,000 h
Max. rotational speed (+/-10%)	2500 RPM
Max. airflow	96.3 m³/h
Max. acoustical noise	30.6 dB(A)
Max. static pressure	3.39 mmH <sub>2</sub> O