The NH-L9i is a premium quality quiet CPU cooler for Intel LGA115x based HTPCs and Small Form Factor systems. At a super-low profile of only 37mm, the NH-L9i is ideal for extremely slim cases and due to its 95x95mm footprint, it provides full compatibility with tall RAM modules and VGA cards on mini-ITX mainboards. The custom-designed SecuFirm2™ mounting system for LGA115x makes installation a child’s play and thanks to the highly optimised NF-A9x14 premium fan that supports full automatic speed control via PWM, the NH-L9i runs remarkably quiet. Topped off with Noctua’s renowned NT-H1 thermal compound, the NH-L9i fuses everything users have come to expect from Noctua’s larger coolers into a super-compact package for slim HTPC systems.

**SCOPE OF DELIVERY**

- 1x NH-L9i Heatsink
- 1x NF-A9x14 PWM Premium fan
- 1x Low-Noise Adaptor (L.N.A.)
- 4 x Screws for 92x92x25mm fans
- NT-H1 high-grade thermal compound
- SecuFirm2™ Montage-Kit

**COOLER SPECIFICATIONS**

- **Socket compatibility**: Intel LGA1150, LGA1156, LGA1155
- **Dimensions**:
  - with fan: 95x95x23mm
  - without fan: 95x95x37mm
- **Weight**:
  - without fan: 345g
  - with fan: 420g
- **Material**: Copper (base and heat-pipes), aluminium (cooling fins), soldered joints & nickel plating
- **Fan compatibility**: 92x92x14mm & 92x92x25mm
- **Noctua NF-A9x14 PWM**
  - **Dimensions**: 92 x 92 x 14 mm
  - **Connector**: 4-pin PWM
  - **Bearing**: SSO2-Bearing
  - **Blade Geometry / Frame Technology**: A-Series with Flow Acceleration Channels / AAO Frame
  - **Max. Input Power / Voltage Range**: 2.52 W / 12 V
  - **MTBF**: > 150,000 h
  - **RPM**:
    - without L.N.A.: 2500 RPM
    - with L.N.A.: 1800 RPM
  - **Max. Airflow**: 57.5 m³/h
  - **Max. Acoustical Noise**: 23.8 dB(A)
  - **Max. Static Pressure**: 2.11 mmH₂O

6 years manufacturer’s warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua fans, the supplied NF-A9x14 features an MTBF rating of more than 150,000 hours and the entire NH-L9i package comes with a full 6 years manufacturer’s warranty.

**FAN SPECIFICATIONS**

- **Noctua NF-A9x14 PWM**
  - **Dimensions**: 92 x 92 x 14 mm
  - **Connector**: 4-pin PWM
  - **Bearing**: SSO2-Bearing
  - **Blade Geometry / Frame Technology**: A-Series with Flow Acceleration Channels / AAO Frame
  - **Max. Input Power / Voltage Range**: 2.52 W / 12 V
  - **MTBF**: > 150,000 h
  - **RPM**:
    - without L.N.A.: 2500 RPM
    - with L.N.A.: 1800 RPM
  - **Max. Airflow**: 57.5 m³/h
  - **Max. Acoustical Noise**: 23.8 dB(A)
  - **Max. Static Pressure**: 2.11 mmH₂O

**LOGISTIC DATA**

- **EAN-No.**: 471612331487-5
- **UPC-No.**: 84243101426-9
- **Dimensions (HxWxD)**: 95 x 95 x 23 mm
- **Weight**: 345g
- **Warranty**: 6 Years
- **MSPR**: 39.90 EUR
- **Packaging Unit**: 24 Pcs
- **Dimensions / Unit (HxWxD)**: 461 x 440 x 248 mm
- **Weight / Unit**: 16.90 kg

**COOLING TECHNOLOGY**

- **37mm low profile**: Due to the slim 23mm heatsink and the NF-A9x14 low profile fan that measures only 14mm in thickness, the NH-L9 stands a mere 37mm tall, which makes it ideal for use in compact HTPCs or Small Form Factor cases that offer minimum clearance for CPU coolers.

- **NF-A9x14 PWM premium fan**: The highly optimised NF-A9x14 premium fan features Noctua’s proprietary AAO frame as well as sophisticated aerodynamic design measures. Supporting PWM for fully automatic speed control, the NF-A9x14 allows the NH-L9i to stay remarkably quiet.

- **100% compatibility with PCIe cards on mini-ITX**: Most Intel LGA115x based mini-ITX mainboards have the PCIe slot sitting right next to the 95x95mm socket zone. While larger coolers that exceed this zone are likely to block the PCIe slot, the 95x95mm sized NH-L9i provides full compatibility with PCIe cards.

- **Custom-designed SecuFirm2™ mounting for LGA115x**: The NH-L9i bundles a custom-designed, backplate-less SecuFirm2™ mounting system for LGA115x that offers extended compatibility with mini-ITX boards and makes installation easier than ever, all while maintaining the trusted SecuFirm2™ quality.

- **100% RAM compatibility**: The NH-L9i has a 95x95mm footprint that complies exactly to the Intel LGA115x socket keep-out zone. This means that it won’t cause issues with chipset coolers and doesn’t overhang the RAM slots, so it’s fully compatible with tall memory modules.

- **NT-H1 thermal compound**: Noctua’s much-acclaimed NT-H1 is a well-proven pro-grade TIM solution that provides minimum thermal resistance, excellent ease-of-use and outstanding reliability.

- **Low-Noise Adaptor**: Allowing to reduce the maximum speed of the NF-A9x14 fan from 2500 to 1800rpm, the included Low-Noise Adaptor (L.N.A.) makes it possible to achieve near-silent setups using CPUs with less than 65W TDP.