# NOCTUA NH-U12S REDUX
## 120MM SINGLE TOWER CPU COOLER

True to the spirit of Noctua's redux line, the NH-U12S redux is a streamlined, accessibly priced version of the iconic NH-U12S that has established itself as a benchmark for slim, highly compatible 120mm CPU coolers. The redux version uses the same proven heatsink layout that guarantees 100% compatibility with tall RAM modules as well as excellent case and PCIe compatibility. Thanks to the popular NF-P12 redux-1700 PWM fan with automatic speed control, it provides high performance under load and runs whisper-quiet at idle. At the same time, Noctua's renowned, professional SecuFirm2™ mounting system and the pre-applied NT-H1 thermal compound make installation child's play. Backed up with Noctua's trusted 6-year manufacturer's warranty, the NH-U12S redux is a smart, affordable choice for a quiet, high-quality 120mm cooler.

### Based on the award-winning NH-U12S
The NH-U12S redux is based on Noctua's proven, premium-grade NH-U12S, which is widely recognised as one of the best slim 120mm single-tower coolers on the market. Having received more than 200 awards and recommendations from international hardware websites and magazines, the NH-U12S has convinced tens of thousands of customers around the globe.

### Streamlined redux edition
Following the idea of Noctua's redux line, the NH-U12S redux takes the proven concept of the original NH-U12S and reduces it to its essential core: a quiet, quality-made 120mm cooler with streamlined accessories that is highly compatible and easy to install.

### Proven NF-P12 fan with PWM
Specifically designed for pressure-demanding applications such as on heatsinks, the classic NF-P12 is a long-standing favourite among quiet cooling enthusiasts. The higher-speed 1700rpm redux line version supports PWM for automatic speed control, which allows it to run near silent most of the time and provide massive performance when necessary.

### 6-year manufacturer's warranty
Noctua products are renowned for their impeccable quality and outstanding longevity. True to this legacy, the NH-U12S redux cuts no corners and, like all Noctua fans, the supplied NF-P12 redux features an MTTF rating of more than 150,000 hours. The entire package comes with a full 6-year manufacturer's warranty.

## NH-U12S HEATSINK SPECIFICATIONS

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|---|---|
| Socket compatibility | Intel LGA115x (LGA1150, LGA1151, LGA1155, LGA1156), LGA1200, LGA20xx (LGA2066, LGA2011-0 & LGA2011-3 Square ILM) & AMD AM2, AM2+, AM3, AM3+, AM4, FM1, FM2, FM2+ (backplate required) |
| Dimensions | 158x125x45mm |
| Dimensions with NF-P12 redux-1700 PWM | 158x125x71mm |
| Weight | 550g |
| Weight with NF-P12 redux-1700 PWM | 710g |
| Material | Nickel plated Copper (base and heat-pipes), aluminium (cooling fins) |
| Fan compatibility | 120x120x25mm, 140x150x25mm & 140x140x25mm (with 120mm holes) |

## NF-P12 REDUX-1700 PWM FAN SPECIFICATIONS

| | |
|---|---|
| Size | 120x120x25mm |
| Connector | 4-pin PWM |
| Bearing | SSO |
| Blade geometry | Nine Blade Design with VCN |
| Max. input power | 1.08W |
| Voltage | 12V |
| MTTF | > 150,000 h |

| | |
|---|---|
| NF-P12 redux-1700 PWM | without adaptor |
| Max. rotational speed (+/−10%) | 1700 RPM |
| Max. airflow | 120.2 m³/h |
| Max. acoustical noise | 25.1 dB(A) |
| Max. static pressure | 2.83 mmH$_2$O |

## SCOPE OF DELIVERY

- NH-U12S redux heatsink
- NF-P12 redux-1700 PWM fan
- 4x NA-AVP1 chromax.grey anti-vibration pads
- Fan mounting clips (one pair)
- NT-H1 high-grade thermal compound (pre-applied)
- SecuFirm2™ mounting kit

REDUX
by NOCTUA