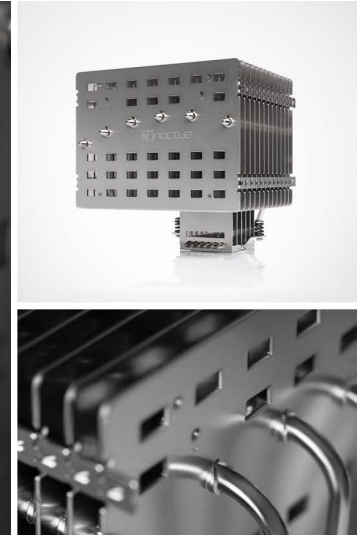


Noctua NH-P1 Passive Premium Cooler

NH-P1

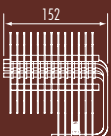
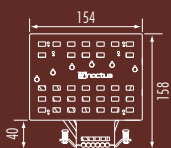


LOGISTIC DATA

Product name	Noctua NH-P1
EAN	9010018000269
UPC	841501100260
Packaging dimensions (HxWxD)	222x191x196 mm
Weight incl. packaging	2032 g
Warranty	6 years
Packaging unit	8 pcs
Packaging dimensions / unit (HxWxD)	470x410x405 mm
Weight incl. packaging / unit	17.40 kg

SCOPE OF DELIVERY

- NH-P1 heatsink
- SecuFirm2+™ multi-socket mounting system
- NT-H2 high-grade thermal compound
- NA-CW1 cleaning wipe
- NM-SD1 Torx® T20 screwdriver
- Fan clips for optional 120mm fan
- Noctua metal case-badge



The NH-P1 is Noctua's first passive CPU cooler and has been custom-designed for fanless operation from the ground up: in enclosures with good natural convection, its six heatpipes and thick, widely spaced heatsink fins enable it to cool modern high-end CPUs with low to moderate heat dissipation completely passively (see setup guidelines and list of recommended cases). For further enhanced performance or semi-passive setups that only spin up their fans when necessary, the NH-P1 can be outfitted with a low-speed, ultra-quiet 120mm fan such as the NF-A12x25 LS-PWM. Topped off with the professional Torx-based SecuFirm2+™ mounting system, Noctua's award-winning NT-H2 thermal compound and a 6-year manufacturer's warranty, the NH-P1 is the ideal cornerstone for premium-grade fanless or semi-passive builds.

Designed for passive cooling from the ground up

The NH-P1 isn't just a regular heatsink without a fan: it has been designed for fanless operation from the ground up, featuring much thicker, much more widely spaced fins in order to achieve both the mass and the minimal airflow resistance that are required in order to excel in natural convection cooling.

Fanless cooling for high-end CPUs

In fully optimised fanless systems, the NH-P1 is capable of cooling high-end CPUs with low to moderate heat dissipation using natural convection only (see setup guidelines and CPU compatibility list). This makes it ideal for powerful builds that have no moving parts and run absolutely silent.

Increased performance headroom with extra fan

The NH-P1 can be fitted with an extra 120mm fan such as the near inaudible NF-A12x25 LS-PWM in order to increase its maximum dissipation capacity significantly (see setup guidelines and CPU compatibility list): ideal for short spikes of higher heat loads or semi-passive systems that only start their fans when necessary!

Asymmetrical layout for optimal PCIe compatibility

Fanless cooling doesn't only have the advantage of being completely silent: if you're relying on natural convection only and don't have case fans pushing air through a case, less dust will accumulate in filters or inside the system. Last but not least, with no moving parts such as fans or pumps that could possibly fail, the NH-P1 is as fail-proof as it can be.

No noise, less dust, 100% fail-proof

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NT-H2 next-gen thermal compound

In high-end passive cooling, every degree counts. This is why the NH-P1 includes a tube of Noctua's next-generation NT-H2 thermal compound that provides even better performance than the award-winning NT-H1, allowing you to achieve the best possible passive cooling results.

6-year manufacturer's warranty

Noctua products are renowned for their impeccable quality and outstanding longevity. Like all Noctua CPU coolers, the NH-P1 is built to the highest standards and comes with a full 6-year manufacturer's warranty.

NH-P1 HEATSINK SPECIFICATIONS

Socket compatibility	AMD AM4, AM5 & Intel LGA1851, LGA1700, LGA1200, and LGA115x (LGA1150, LGA1151, LGA1155, LGA1156)
Dimensions	158x154x152 mm
Weight	1180 g
Material	Copper (base and heatpipes), aluminium (cooling fins), soldered joints & nickel plating
Fan compatibility	120x120x25 mm

Designed in Austria, Noctua's premium cooling components are internationally renowned for their superb quietness, exceptional performance and thoroughgoing quality. Having received more than 6000 awards and recommendations from leading hardware websites and magazines, Noctua's fans and heatsinks are chosen by more than a hundred thousand satisfied customers around the globe.

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