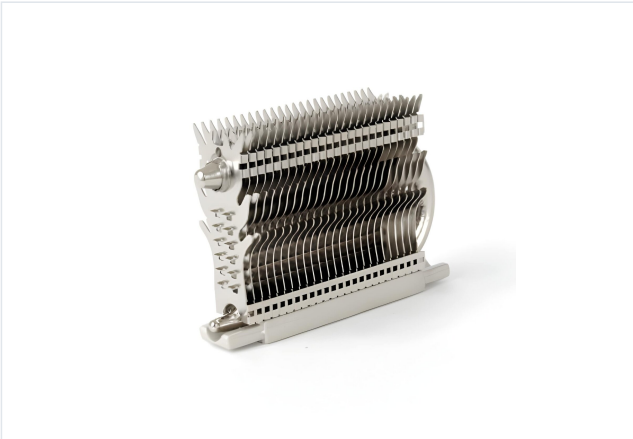


oC-THR09T4

Thermalright HR-09U Type4 Upright MoSFET heatsink

Product Overview

Thermalright HR-09U Type4 , Upright MoSFET heatsink , IFX designed fins with 6mm heatpipe , copper base + aluminum fin ; 61x12x44.25mm ; weight 45g - pls check website for compatibility mb list



Specifications

About this product

The Thermalright HR-09U Type4 upright MOSFET heatsink is a high efficiency VRM cooling solution designed with IFX style fins, a copper base and 6mm heatpipe for improved thermal transfer. Buy now from our online store in South Africa to enhance motherboard stability, reduce MOSFET temperatures and improve long term system reliability under load.

Overview Summary

Thermalright HR-09U Type4 Upright MOSFET Heatsink is a compact thermal management accessory designed to improve voltage regulator cooling on compatible motherboards. It uses a copper base combined with aluminium fin structure and a 6mm heatpipe to efficiently draw heat away from MOSFET components.

This heatsink is intended for performance focused PC builds where VRM temperatures can impact system stability, especially under heavy CPU load or overclocking conditions. Its upright design allows flexible installation in tighter layouts where clearance is limited.

The HR-09U Type4 is commonly used in enthusiast systems that require improved thermal performance over stock motherboard cooling solutions. It is lightweight, easy to install, and designed for long term reliability.

Performance tier:Entry-level VRM cooling enhancement

Uses:MOSFET cooling, VRM temperature reduction, motherboard thermal upgrade, overclocking stability improvement, system airflow optimization

Description

The Thermalright HR-09U Type4 is an upright MOSFET heatsink designed for motherboard VRM cooling applications where thermal load management is critical. It features IFX designed fin geometry for improved airflow efficiency and a copper base that enhances heat transfer from MOSFET components into the heatsink structure.

With its 6mm heatpipe design and aluminium fin stack, the HR-09U Type4 delivers improved thermal dissipation compared to standard stock motherboard heatsinks. The compact 61x12x44.25mm footprint allows installation in constrained spaces while maintaining strong cooling performance.

This model is specifically oriented for compatible NVIDIA reference motherboard layouts, particularly 680i, 780i and 790i series designs, while compatibility may vary depending on board revision and manufacturer implementation.

Features

The Thermalright HR-09U Type4 is built to improve MOSFET thermal performance and system stability.

- 6mm high efficiency heatpipe for improved thermal transfer
- IFX designed aluminium fin structure for optimized airflow
- Copper base for direct and efficient heat conduction
- Lightweight 45g design for minimal motherboard stress
- Upright form factor for flexible clearance management
- Tool free installation design with push pin mounting system
- Designed for VRM and MOSFET cooling enhancement

What's in the Box

- 1 x Thermalright HR-09U Type4 heatsink
- Mounting brackets
- Push pins
- Thermal pads

Specifications

- Product name: Thermalright HR-09U Type4
- Type: Upright MOSFET heatsink
- Base material: Copper
- Fin material: Aluminium
- Heatpipe: 6mm heatpipe
- Dimensions: 61 x 12 x 44.25 mm
- Weight: 45 g
- Cooling target: MOSFET / VRM components
- Mounting type: Push pin system
- Design: IFX fin structure
- Orientation: Upright layout

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Product Specification Sheet

- Compatibility: Select NVIDIA 680i / 780i / 790i reference motherboard designs (check manufacturer compatibility list before installation)

FAQ

What is the Thermalright HR-09U Type4 used for?

The HR-09U Type4 is used to cool motherboard MOSFET and VRM components, helping reduce heat and improve system stability under load.

Is the HR-09U Type4 compatible with all motherboards?

No, it is designed for specific motherboard layouts, mainly NVIDIA 680i, 780i and 790i reference boards. Compatibility may vary by manufacturer and model.

Does this heatsink improve gaming performance?

It does not directly increase FPS but helps maintain stable power delivery, which can prevent throttling and improve sustained performance.

Is installation difficult?

No, it uses a push pin mounting system and thermal pads for straightforward installation on supported boards.

Can it fit with large CPU coolers?

In most cases yes, but clearance depends on the motherboard layout and CPU cooler size. Always check spacing before installation.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/oC-THR09T4-Thermalright-HR-09U-Type4-Upright-MoSFET-Buy-p-27083.php>

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