

ASUS ROG Astral - -LC-RTX5090-O32G-GAMING NVIDIA GeForce RTX 5090 32 GB GDDR7

Model: 90YV0LW2-M0NA00

Manufacturer: ASUS

EAN: 4711387920817

Product Code: 1689971

R190,342

ROG Astral LC GeForce RTX™ 5090

Fluid Force

The new ROG Astral family was inspired by the limitless expanse and beauty of the cosmos, and it is a testament to an unending dedication to exploring and defining new frontiers. The ROG Astral LC GeForce RTX 5090 delivers pinnacle cooling performance via a premium 360mm AIO cooler, full-coverage copper plate and integrated fan. Meanwhile, powerful 80-amp MOSFETs deliver high overclocking potential while maintaining quiet operation.

Cooling Expertise

360mm Radiator

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

An extra-thick 360x38mm radiator combines forces with a trio of high-end fans to ensure excellent heat dissipation.

Full-Coverage Cold Plate

The full-coverage cold plate covers all the heat-generating components on the PCB, empowering the radiator to efficiently cool the graphics card, resulting in up to 30% better performance versus pure air cooling.

On-Board Cooling

Heat produced by power-delivery components is dispelled by an axial-tech fan and a low-profile heatsink under the shroud. This combination exhausts hot air quietly and efficiently.

Phase-Change GPU Thermal Pad

By melting to effectively fill the gaps between the GPU and the thermal module, a premium phase-change GPU thermal pad provides superior thermal conductivity and enhanced heat dissipation, ensuring optimal performance and longevity for graphics cards under heavy loads.

Premium Power Delivery

Powerful 80-amp MOSFETs deliver over 35% more headroom than the standard design. This helps ensure enhanced performance, stability and higher overclocking potential.

ASUS GPU Guard & Bracket

To handle larger graphics processors, ASUS GPU Guard applies adhesive to secure all four corners to reduce the risk of cracks, while a GPU bracket helps ensure uniform mounting pressure and extra stability.

Protective PCB Coating

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A protective conformal coating envelops the circuit board to help protect against short-circuits caused by moisture, dust or debris.

Auto−Extreme Technology

An automated manufacturing process that sets new standards in the industry by allowing all soldering to be completed in a single pass, ASUS Auto-Extreme technology reduces thermal strain on components and avoids the use of harsh cleaning chemicals, resulting in less environmental impact, lower manufacturing power consumption and a more reliable product overall.

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