



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



Model: 90YV0LW2-M0NA00

Manufacturer: ASUS

EAN: 4711387920817

Product Code: 1203813

## R204,690

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

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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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