# ASUS Prime - RX9070-O16G AMD Radeon RX 9070 16 GB GDDR6

Model: 90YV0LI1-M0NA00

Manufacturer: ASUS

EAN: 4711387829592

Product Code: 1619501

## R27,736

## Primed for Power

Experience Primal performance with the Prime Radeon™ RX 9070 graphics card featuring a compact 2.5-slot design for expansive compatibility, enhanced by a phase-change GPU thermal pad and a triple-fan setup for supreme cooling.

### Cooling

### 2.5-slot Design

The Prime Radeon™ RX 9070 features a 2.5 slot design with a carefully arranged layout for the shroud, heatsink and heat pipes to let the three Axial-tech fans leverage chassis side-panel ventilation and deliver optimal thermal performance.

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## Axial-tech Upgrades

Three tried-and-true Axial-tech fans feature a smaller hub that facilitates longer blades and a barrier ring to increase downward air pressure for lower temperatures, less noise and higher performance.

## 0dB Technology

All three fans come to a standstill when GPU temperatures are below 55°C, letting you play less demanding games or perform light tasks in relative silence. Fans start up again when temperatures are over 60°C, establishing a speed curve that balances performance and acoustics for work or play.

## Dual Ball Fan Bearings

Different bearing types have unique pros and cons. Dual-ball bearings excel at durability and can last up to twice as long as sleeve bearing designs.

## Vented Backplate

Large backplate vents significantly enhance heat dissipation, helping to keep the GPU cooler during intense tasks. This additional airflow helps ensure optimal temperatures, boosting performance, longevity and stability by defending against overheating and thermal throttling.

## MaxContact Design

MaxContact is a special ASUS manufacturing process that effectively expands the surface area of the heat spreader that sits atop the GPU by 5%, compared to traditional designs. This improves temperatures by up to 2°C, in concert with an extensive heatsink array and powerful Axial-tech fans.

## 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.

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**Unmatched Reliability**

**ASUS GPU Guard & Bracket**

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 Backplate

The PCB is reinforced by a backplate that adds structural rigidity, helping to prevent flex and to protect components and trace pathways from damage.

## Stainless Steel Bracket

The mounting bracket features grade 304 stainless steel, chosen for its strength and high resistance to corrosion.

**Engineering**

**Dual BIOS**

Do you prioritize low core temps or low noise levels? Performance mode lets the fans spin up to keep the card running cool all the time, and Quiet mode keeps the same power target and top-end settings while offering a less aggressive fan curve for quieter operation at moderate temperatures.

## 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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