ASUS TUF Gaming TUF-RX9070XT-O16G-GAMING AMD Radeon RX 9070 XT 16 GB GDDR6

Model: 90YV0L70-M0NA00

Manufacturer: ASUS

EAN: 4711387829578

Product Code: 16249

R25,276

Game TUF. Built to Last.

ASUS TUF Gaming Radeon™ RX 9070 XT

The AMD RDNA™ 4 Architecture elevated by buffed cooling and power delivery to effortlessly churn out frames at 4K resolution and beyond, and backed with an arsenal of rugged reinforcements to cover your six.

Premium Durability

TUF Chokes & MOSFETs

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Certified military-grade TUF chokes and MOSFETs deliver rock-solid power to the GPU, which can help improve system stability.

TUF Capacitors

TUF 5K black metallic capacitors provide 52% wider temperature tolerance and a 2.5X longer lifespan than standard capacitors.

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.

Protective PCB Coating

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

Dual-ball Fan Bearings

Dual-ball bearings offer an extensive lifespan of up to 80,000 hours, double the longevity of sleeve bearings and surpassing fluid dynamic bearings. This helps ensure long-lasting, reliable and quiet cooling.

Cooling Mastery

This advanced cooling design features the ASUS-exclusive MaxContact manufacturing technique, a phase-change GPU thermal pad and efficient Axial-tech fans, helping to ensure premium thermal performance, optimized airflow and quiet operation, all within a robust and vented metal exoskeleton.

MaxContact Design

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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.

Axial-tech Upgrades

Axial-tech fans spin on dual-ball bearings and propel up to 31% more air than standard fans.

New Directions

The two outer fans spin counterclockwise to reduce turbulence and enhance air dispersion. All three fans stop when GPU temps are below 55°C, for quieter operation during light tasks. They restart above 60°C, following a speed curve that balances performance and acoustics.

Vented Exoskeleton

A high-quality diecast shroud and aluminum backplate help prevent PCB flex and feature large vents to further increase heat dissipation.

The Perfect PSU for the TUF Gaming Radeon™ RX 9000 Series

The TUF Gaming Gold Series PSUs are the perfect match for TUF Gaming Radeon™ RX 9000 Series graphics cards, offering exceptional durability and reliable power delivery. Built with high-quality components and military-grade capacitors, these PSUs ensure your gaming setup performs at its best, even during the most demanding sessions.

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.

Auto−Extreme Technology

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An automated manufacturing process that sets new standards in the industry by allowing all soldering to be completed in a single pass. This 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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