



## **Graphics Card ASUS AMD Radeon RX 9070 XT 16 GB GDDR6 256 bit PCIE 5.0 16x Triple slot Fansink 1xHDMI 3xDisplayPort TUF-RX9070XT- O16G-GAMING**

Model: TUF-RX9070XT-O16G-GAMING

Manufacturer: ASUS

EAN: 4711387829578

Product Code: 14403

## **R20,047**

**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

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cover your six.

## **Premium Durability**

### **TUF Chokes & MOSFETs**

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**

MaxContact is a special ASUS manufacturing process that effectively expands the surface area of the

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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**

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.

Summary: ASUS TUF Gaming TUF-RX9070XT-O16G-GAMING. Graphics processor family: AMD, Graphics processor: Radeon RX 9070 XT. Discrete graphics card memory: 16 GB, Graphics card

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memory type: GDDR6, Memory bus: 256 bit. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express 5.0. Cooling type: Active, Number of fans: 3 fan(s), Illumination colour: Multi | Vendor Homepage: <https://www.asus.com/motherboards-components/graphics-cards/tuf-gaming/tuf-rx9070xt-o16g-gaming/> | CUDA: No | Graphics processor: Radeon RX 9070 XT | Graphics processor family: AMD | Maximum displays per videocard: 4 | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | Processor boost clock speed: 3060 | Stream processors: 4096 | Data transfer rate: 20 | Discrete graphics card memory: 16 | Graphics card memory type: GDDR6 | Memory bus: 256 | DisplayPort version: 2.1a | DisplayPorts quantity: 3 | HDMI ports quantity: 1 | HDMI version: 2.1b | Interface type: PCI Express 5.0 | DirectX version: 12 Ultimate | Dual Link DVI: No | HDCP: Yes | HDCP version: 2.3 | OpenGL version: 4.6 | Overclocked (OC) edition: Yes | TV tuner integrated: No | Bracket height: Full-Height (FH) | Cooling technology: ASUS Axial-tech | Cooling type: Active | Form factor: Full-Height/Full-Length (FH/FL) | Illumination: Yes | Illumination colour: Multi | Number of fans: 3 | Number of slots: 3.125 | Product colour: Black/Silver | Minimum system power supply: 850 | Supplementary power connectors: 3x 8-pin | Depth: 62.5 | Height: 140 | Length: 330 | Weight: 1480 | Package depth: 226 | Package height: 126 | Package type: Box | Package weight: 2560 | Package width: 420 | User guide: Yes | Model: TUF-RX9070XT-O16G-GAMING | Units per Shipping Box: 4 | Unit Calculated Volume: 0.01499 | Product Net Weight: 0.7 | Unit Calculated Weight: 2.83

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