



## Graphics Card

### ASUS AMD

### Radeon RX 9070

### XT 16 GB GDDR6

### 256 bit PCIE 5.0

### 16x Triple slot

### Fansink 1xHDMI

### 3xDisplayPort

### PRIME-

### RX9070XT-O16G

Model: PRIME-RX9070XT-O16G

Manufacturer: ASUS

EAN: 4711387829585

Product Code: 14408

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## R18,116

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### Primed for Power

Experience Primal performance with the Prime Radeon™ RX 9070 XT 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.

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## **Cooling**

### **2.5-slot Design**

The Prime Radeon™ RX 9070 XT 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.

### **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.

Summary: ASUS Prime -RX9070XT-O16G. Graphics processor family: AMD, Graphics processor: Radeon RX 9070 XT. Discrete graphics card memory: 16 GB, Graphics card 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) | Vendor Homepage: <https://www.asus.com/motherboards-components/graphics-cards/prime/prime-rx9070xt-o16g/> | 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: 3010 | Stream processors: 4096 | Data transfer rate: 20 | Discrete graphics card memory: 16 | Graphics card memory type: GDDR6 |

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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) | Number of fans: 3 | Number of slots: 2.5 | Product colour: Black | Minimum system power supply: 750 | Supplementary power connectors: 3x 8-pin | Depth: 50 | Height: 130 | Length: 312 | Weight: 1160 | Package depth: 233 | Package height: 88.5 | Package type: Box | Package weight: 1750 | Package width: 405 | Manual: Yes | Model: PRIME-RX9070XT-O16G | Units per Shipping Box: 5 | Unit Calculated Volume: 0.01011 | Product Net Weight: 0.7 | Unit Calculated Weight: 1.93

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