



Graphics Card ASROCK AMD Radeon RX 9070 XT 16 GB GDDR6 256 bit PCI Express x16 5.0 Active RX9070XTCL16G

Model: RX9070XT CL 16G

Manufacturer: ASROCK

EAN: 4710483942761

Product Code: 18785

R16,590

Triple Fan Design

Triple fan design helps to optimize system cooling to reduce the operating temperature.

Stylish Metal Backplate

With the Phantom Gaming look, the stylish metal backplate on the Phantom Gaming graphics cards makes it more fancy in visual and solid in construction. Otherwise, the thermal pad at the backside

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also helps to enhance the thermal efficiency.

LED Indicator

More Decoration. More Beauty.

Multiple-color LED Indicator embellishes the graphics card to make it more beautiful.

LED Switch

Switch on/off as you want.

You can switch LED on or off depends on the scenarios or your need.

Honeywell PTM7950

Phase-change Thermal Pad

Honeywell PTM7950 phase-change thermal pad can effectively fill the gaps between the GPU and the thermal module, enabling the graphics card to provide excellent heat dissipation, reliability and longevity under high loads.

Striped Axial Fan

Designed For Enhanced Airflow.

ASRock's custom Striped Axial Fan delivers enhanced airflow to optimize cooling from not only the stripe structure on each fan blade but also the polishing surface on the bottom side.

0dB Silent Cooling

Spin For Cooling, Stop For Silence.

The fan spins when the temperature goes high for the optimal cooling, and stops when the temperature goes low for the complete silence.

Ultra-fit Heatpipe

Consolidated to Maximize the Contact.

The heatpipes are consolidated to maximize the contact among each others and also the GPU baseplate for the optimized heat dissipation.

Nickel-plated Copper Base

Maximize GPU Contact Area.

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With premium copper base heatsink design, the direct contact area to the GPU would be maximized to improve thermal transfer effectively.

High-density Metal Welding

Improve Heat Dissipation.

Effectively isolate all coverage of the gap between pipe and stacked fins, hence improve heat dissipation effectively.

Precise Screw Torque

Optimized Mounting Pressure.

ASRock adopts precise screw torque when assembling its graphics cards to optimize the cooler mounting pressure to improve thermal efficiency while avoiding damage to GPU die.

Japanese SP-Cap

With a high conductive polymer as the electrolyte, it has a lower equivalent series resistance (ESR) to provide outstanding electrical characteristics. In addition to that, it also has excellence in product operational life, reliability and heat resistance.

SPS (Smart Power Stage)

Dr.MOS design features the latest SPS (Smart Power Stage) technology. It's optimized for monitoring current and temperature of each phase, thus delivering smoother and neater power to the GPU with enhanced performance and OC capability.

Premium Power Choke

Compared to traditional chokes, ASRock's premium power chokes effectively make the saturation current up to three times better, thus providing enhanced and improved Vcore voltage to the graphics card.

2oz Copper PCB

Using only carefully selected copper materials for PCB layers, 2oz Copper PCB delivers lower temperature and higher energy efficiency for overclocking.

High Density Glass Fabric PCB

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High Density Glass Fabric PCB design that reduces the gaps between the PCB layers to protect the graphics card against electrical shorts caused by humidity.

ALL YOU NEED FOR ULTRA FAST GAMING

Speed, performance, and visuals work together for smooth frames and total immersion. The ultra-fast Radeon RX 9000 Series Graphics Cards are powered by unified AMD RDNA™ 4 compute units with enhanced raytracing capabilities for an ultra-immersive experience across all key gaming resolutions. Activate

SUPERPOWERED VISUALS ENHANCED WITH AI

Get immersed in the action of lifelike visuals with next-gen raytracing. Play in perfect clarity with higher quality, AI-powered AMD FidelityFX™ Super Resolution 41 image upscaling with advanced frame generation in supported games. Put your skills on full display with enhanced multimedia and streaming experiences with the AMD Radiance Display™ Engine.

INSTANT PERFORMANCE FOR EVERY MOVE

Take the instant performance of AMD Radeon™ to an even higher level with the superpower of AMD Software. Enable AMD HYPR-RX6 in one click to unleash the true potential of your Radeon™ GPU, leveraging the combined forces of AMD Radeon™ Super Resolution¹, AMD Fluid Motion Frames², AMD Radeon™ Anti-Lag and AMD Radeon™ Boost.

FUTURE READY TECH WITH AI

AMD Radeon™ delivers all you need to keep your system feeling fast for years to come. Pair it with AMD Ryzen™ 9000 series processors featuring PCI Express® Gen 5 support and the latest AMD Smart Access Memory™ technology³ to realize the full performance of your AM5 platform. Harness both Radeon and Ryzen AI-enabled technologies, and upgrade to next generation displays with DisplayPort™ 2.1 support and up to 16GB of video memory to experience AAA games in all their visual glory now and for years to come.

- Triple Fan Design
- Stylish Metal Backplate
- LED Indicator
- LED Switch

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- Striped Axial Fan
- 0db Silent Cooling
- Super Alloy Graphic Card

Summary: Asrock Challenger AMD Radeon RX 9070 XT 16GB. 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 x16 5.0. Cooling type: Active, Number of fans: 3 fan(s), Illumination colour: Multi | Vendor Homepage: <https://asrock.com/Graphics-Card/AMD/Radeon%20RX%209070%20XT%20Challenger%2016GB/index.asp#Overview> | Compute units: 64 | 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: 2970 | Processor boost clock speed (Gaming mode): 2400 | 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 x16 5.0 | DirectX version: 12 Ultimate | Dual Link DVI: No | HDCP: Yes | OpenGL version: 4.6 | TV tuner integrated: No | Cooling technology: Asrock Striped Axial Fan | Cooling type: Active | Illumination: Yes | Illumination colour: Multi | Number of fans: 3 | Number of slots: 2.8 | Product colour: Black | Minimum system power supply: 750 | Supplementary power connectors: 2x 8-pin | Depth: 56 | Height: 123 | Length: 290 | Weight: 1038 | Package type: Box | Quick installation guide: Yes | Compliance certificates: CE/Federal Communications Commission (FCC)/UKCA | Waste Electrical and Electronic Equipment (WEEE) compliance: Yes | Units per Pallet: 0 | Units per Shipping Box: 5 | Unit Calculated Volume: 0.0107 | Product Net Weight: 1.038 | Unit Calculated Weight: 1.69

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