

RX9060XTCHALLENGER16G

Asrock Radeon RX 9060 XT Challenger 16GB OC PCI-e 5.0 x16 Graphics card, HDMI, DP

Product Overview

Asrock Radeon RX 9060 XT Challenger 16GB OC PCI-e 5.0 x16 Graphics card, AMD rdna 4 Architecture, 32 compute units, 2048 Stream processors, 2700MHz game clock, Up to 3290MHz Boost Clock, 16GB GDDR6 Memory Type, 128-bit Memory Interface, 20Gbps Memory clock, 1x HDMI 2.1b, 2x DisplayPort 2.1A, Up to 3 displays Multi-View support, Dual Fan with striped axial Design, 1x 8 pin connector. Optimised for 1440p gaming and creative workloads.





Specifications

Overview Summary

The ASRock Radeon RX 9060 XT Challenger 16GB OC delivers uncompromising graphics performance, built on AMD's advanced RDNA 4 architecture. Optimised for 1440p gaming and creative workloads, this GPU offers superior visuals, ultra-responsive frame rates, and next-gen thermal management to meet the needs of gamers and professionals alike.

With 2048 Stream Processors and 32 Compute Units backed by 16GB of GDDR6 memory, the RX 9060 XT powers through high-resolution rendering, ray tracing, and AI-enhanced applications. Its dual-fan Striped Axial cooling, PCIe 5.0 interface, and robust metal design ensure performance stays cool under pressure. Designed for seamless integration with AMD Ryzen 9000 Series processors, it is the perfect match for demanding builds.

Performance tier:Enthusiast 1440p Gaming

Uses:Gaming, streaming, 3D rendering, video editing, AI workloads

Description

The ASRock Radeon RX 9060 XT Challenger 16GB OC is a next-gen powerhouse engineered for demanding gamers and professionals. It features AMD's RDNA 4 architecture with full support for DirectX 12 Ultimate, enhanced ray tracing, and AI-driven performance optimisations. With a Boost Clock up to 3290MHz and ultra-fast 16GB of GDDR6 memory, this GPU handles high-resolution gaming and intensive workflows with ease.

The dual-fan cooler with Striped Axial technology ensures efficient airflow, while the 0dB Silent Cooling mode maintains a noise-free experience during idle conditions. Structural reinforcements like a metal backplate and advanced heatpipe configuration support reliable performance over long sessions. The card's compact form factor and sleek design make it a versatile choice for mid-tower and high-performance builds.

Quick Specifications

- 3290MHz Boost Clock, 2700MHz Game Clock
- 2048 Stream Processors
- 16GB GDDR6 Memory, 128-bit Interface, 20Gbps
- PCIe 5.0 x16, HDMI 2.1b, 2 x DisplayPort 2.1a
- Dual Fan, 1 x 8-pin Power Connector

Overview:

The ASRock Radeon RX 9060 XT Challenger 16GB OC is more than a graphics card-it's your new performance anchor. Built on AMD's latest RDNA 4 architecture and fine-tuned for uncompromising 1440p gaming, this GPU pairs raw silicon muscle with refined efficiency. Whether you're pushing frame rates in ray-traced blockbusters, accelerating AI-enhanced workflows, or streaming crisp, artefact-free footage, the RX 9060 XT delivers every frame with clarity and composure.

Under the hood, 2,048 Stream Processors and 32 Compute Units-each equipped with 3rd Gen Ray Accelerators and 2nd Gen AI Accelerators-form the computational backbone of the card. Bolstered by a Boost Clock of up to 3290MHz and a blazing-fast 16GB of GDDR6 memory running at 20Gbps, the RX 9060 XT is primed for high-intensity scenarios and multitasking madness. It supports DirectX 12 Ultimate, OpenGL 4.6, and AMD's FidelityFX Super Resolution 4, letting you game smarter, not harder-with enhanced detail, smoother performance, and jaw-dropping visuals.

Thermal control is where the Challenger earns its name. This model integrates a sophisticated dual-fan cooling system, featuring Striped Axial Fans that channel more air, a high-density fin stack with ultra-fit heatpipes, and Nano Thermal Paste that bridges every microscopic gap for optimal heat transfer. And when the system is idle The 0dB Silent Cooling mode stops the fans entirely, keeping your setup both cool and quiet.

Structurally, the Challenger is built with finesse. A full metal backplate adds rigidity and acts as a passive heatsink, while subtle LED lighting provides ambient flair without overstatement. Prefer a darker aesthetic Flip the onboard LED switch and keep it stealthy. With a matte black PCB, high-density glass fabric layering, and a Dr.MOS power stage delivering up to 50A per phase, this card balances engineering prowess with visual sophistication.

Optimised for AMD Ryzen 9000 Series processors and AM5 platforms, the RX 9060 XT takes full advantage of Smart Access Memory to maximise CPU-GPU bandwidth. Meanwhile, AMD's Adrenalin Edition software puts one-click performance tuning and real-time AI-powered enhancements at your fingertips. Whether you're a competitive gamer, creative professional, or performance enthusiast, this GPU is ready to raise the bar.

Features:

- Powered by AMD RDNA 4 architecture with DirectX 12 Ultimate support
- Game Clock at 2700MHz, Boost Clock up to 3290MHz
- 2,048 Stream Processors and 32 Compute Units with 3rd Gen Ray Accelerators
- 16GB GDDR6 memory with 128-bit interface at 20Gbps
- Dual fan cooling with ultra-fit heatpipes and 0dB Silent Cooling mode
- Metal backplate with RGB LED indicator and manual LED On/Off switch
- PCIe 5.0 x16 interface for ultra-fast throughput
- AMD FidelityFX Super Resolution 4 and Smart Access Memory support
- Enhanced Media Engine for high-quality streaming and encoding
- Seamless pairing with AMD Ryzen 9000 Series processors and AM5 motherboards

WHAT'S IN THE BOX

- ASRock Radeon RX 9060 XT Challenger 16GB OC Graphics Card x1
- Installation Guide x1

Specifications:

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Specifications

Product Code	RX9060XTCHALLENGER16G		
GPU & Architecture			
GPU Model	AMD Radeon RX 9060 XT		
Architecture	AMD RDNA 4		
Compute Units	32 (3rd Gen Ray Tracing, 2nd Gen AI Accelerators)		
Stream Processors	2048		
API Support	DirectX 12 Ultimate, OpenGL 4.6		
Interface	PCIe 5.0 x16		
Max Digital Resolution	7680 x 4320 (8K)		
Clock Speeds & Memory			
Game Clock	2700MHz		
Boost Clock	Up to 3290MHz		
Memory Type	16GB GDDR6		
Memory Interface	128-bit		
Memory Clock	20Gbps		
Display Outputs			
Ports	1 x HDMI 2.1b, 2 x DisplayPort 2.1a		
Multi-View Support	Up to 3 displays		
HDCP Support	Yes		
Cooling & Thermals			
Cooling System	Dual Fan with Striped Axial Design		
Features			
Features	0dB Silent Cooling		
	Ultra-fit Heatpipes		
	High-Density Metal Welding		
	Nano Thermal Paste		
	Premium Thermal Pads		
	Precise Screw Torque Mounting		
Design & Build			
Backplate	Metal with RGB Indicator		
RGB Control	Manual LED On/Off switch		
Dimensions	24.9 x 13.2 x 4.1 cm		
Weight	645g		
Power Requirements			
Connector	1 x 8-pin		
Recommended PSU	550W		
Power Design			

ComX Computers

Product Specification Sheet

Power Design	Dr.MOS Power Stage (50A)
	Premium 90A Power Choke
	2oz Copper PCB
	High-Density Glass Fabric PCB
Software & Compatibility	
Software	AMD Adrenalin Edition
	AI-Driven Optimisation
	AMD HYPR-RX2 One-Click Tuning
Technologies	
Technologies	FidelityFX Super Resolution 4
	Smart Access Memory
Radiance Display Engine	
Optimised For	1440p Gaming with Ray Tracing
Platform Compatibility	AMD Ryzen 9000 Series CPUs, AM5 Motherboards

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx.co.za/RX9060XTCHALLENGER16G-Asrock-Radeon-RX-9060-XT-Challenger-Buy-p-326438.php>

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