ComX Computers
Product Specification Sheet

ROG-STRIX-RTX5070-O12G-G

Asus ROG Strix Geforce RTX 5070 12GB GDDR7 OC Edition PCI-e 5.0 x16 Graphics card, dp, HDMI

Product Overview

Asus ROG Strix Geforce RTX 5070 12GB GDDR7 OC Edition PCI-e 5.0 x16 Graphics card, 2685MHz Boost Clock, 2x HDMI 2.1b, 3x DisplayPort 2.1b, 3.2 slot width, 1x 16 pin Power connectors, 3 cooling fans, RGB Lighting











Specifications

Overview Summary:

Take your gaming or creative workstation to the next level with the ASUS ROG Strix GeForce RTX 5070 OC Edition 12GB GDDR7 graphics card. Built on the latest NVIDIA Blackwell architecture, it delivers exceptional performance, advanced cooling, PCIe 5.0 support and premium build quality for demanding applications. Buy now and enjoy smooth gameplay, ray tracing and AI-powered features for your next PC upgrade.

Designed for enthusiasts in South Africa, this graphics card combines a factory overclock, triple Axial-Tech fans, vapour chamber cooling and Aura Sync RGB lighting for reliable performance and a premium appearance. Shop now to upgrade your gaming PC or professional workstation with confidence.

Performance tier: High-End Enthusiast

Uses:4K gaming, high refresh rate gaming, ray tracing, AI workloads, content creation, video editing, 3D rendering, streaming, multi-monitor setups

Overview:

ASUS ROG Strix GeForce RTX 5070 OC Edition 12GB GDDR7 Graphics Card - PCIe 5.0
Experience premium gaming and creative performance with the ASUS ROG Strix GeForce RTX 5070 OC Edition. Built on the latest NVIDIA Blackwell architecture, this high-end graphics card combines powerful AI acceleration, advanced ray tracing, and fast GDDR7 memory to deliver exceptional performance for modern games, content creation, and demanding workloads. With efficient triple-fan cooling, RGB lighting, and PCIe 5.0 support, it is designed for enthusiasts who want outstanding speed, reliability, and visual quality.

Description:

The ASUS ROG Strix GeForce RTX 5070 OC Edition is engineered for gamers, streamers, and creators who demand consistent high performance. Equipped with 12GB of ultra-fast GDDR7 memory, an impressive 2685MHz OC boost clock, and advanced thermal technology, it delivers smooth gameplay at high resolutions while maintaining excellent cooling during extended gaming sessions. Aura Sync RGB lighting allows you to personalise your system, while premium ASUS engineering ensures dependable operation for years to come.

Features:

Premium Gaming Performance
Powered by the NVIDIA GeForce RTX 5070 GPU based on the latest Blackwell architecture, this graphics card delivers exceptional gaming performance with 6144 CUDA cores and 12GB of GDDR7 memory running at 28 Gbps across a 192-bit memory interface. Whether you are exploring expansive open-world games, enjoying ray-traced visuals, or accelerating creative applications, the ROG Strix RTX 5070 is built to handle demanding workloads with ease.

Its factory overclocked design reaches a boost clock of up to 2685MHz in OC Mode, giving gamers extra performance where it matters most. NVIDIA DLSS 4 with Multi Frame Generation, fourth-generation RT Cores, and NVIDIA Reflex 2 technologies further enhance frame rates, responsiveness, and image quality.

Advanced Cooling for Consistent Performance
Maintaining peak performance requires efficient cooling, and ASUS delivers with an advanced thermal solution designed for sustained workloads.

Key cooling technologies include:

- Triple Axial-Tech cooling fans with dual-ball bearings.
- Counter-rotating outer fans to minimise turbulence.
- Vapour chamber cooling for efficient heat transfer.
- MaxContact technology for improved GPU contact.
- Phase-change thermal pad for enhanced heat dissipation.
- Vented metal backplate for additional airflow.
- 0dB fan mode that stops all fans below 50 degrees C during lighter workloads.

These technologies work together to reduce thermal throttling while keeping operating noise low.

Built for Reliability
The ROG Strix series is engineered with premium components and manufacturing processes that enhance durability and long-term stability.

Construction highlights include:

- Digital power control with high-current power stages.
- Premium 15K capacitors for stable power delivery.
- ASUS Auto-Extreme manufacturing process.
- Conformal PCB coating that helps protect against dust and moisture.
- Reinforced stainless steel mounting bracket.
- GPU Guard reinforced PCB corners for added protection.

These design elements make the card suitable for extended gaming sessions, overclocking, and demanding professional workloads.

Immersive Display Connectivity
The ASUS ROG Strix RTX 5070 supports up to four displays simultaneously, making it an excellent choice for gaming setups, streaming stations, and creative workspaces.

Display connections include:

- 2 x HDMI 2.1b.
- 3 x DisplayPort 2.1b.
- Maximum supported resolution of 7680 x 4320.

Aura Sync RGB lighting integrated into the shroud and side of the card allows seamless synchronisation with compatible ASUS components for a unified system appearance.

The Part Number ROG-STRIX-RTX5070-O12G-G makes it easy to identify the correct model when upgrading or ordering replacement hardware.

Technical Details

- Brand: ASUS
- Part Number / SKU: ROG-STRIX-RTX5070-O12G-G
- GPU: NVIDIA GeForce RTX 5070
- Architecture: NVIDIA Blackwell
- CUDA Cores: 6144
- Graphics Memory: 12GB GDDR7
- Memory Speed: 28 Gbps
- Memory Interface: 192-bit

- OC Boost Clock: 2685MHz
- Default Boost Clock: 2655MHz
- PCI Express Interface: PCIe 5.0 x16
- Cooling: Triple Axial-Tech fans with vapour chamber
- Card Length: 332mm
- Slot Width: 3.2-slot
- Power Connector: 1 x 16-pin
- Recommended Power Supply: 750W
- RGB Lighting: Aura Sync
- Product Dimensions: 33.2 x 14.73 x 6.4 cm
- Release Year: 2025

Package Contents
Inside the box you will find:

- ASUS ROG Strix GeForce RTX 5070 OC Edition 12GB graphics card.
- ROG graphics card holder.
- ROG Velcro hook and loop strap.
- ROG magnet.
- ROG PCB ruler.
- 1-to-2 adapter cable.
- Thank you card.
- Speed setup manual.

Ideal For
The ASUS ROG Strix GeForce RTX 5070 OC Edition is an excellent choice for:

- High-resolution gaming.
- Ray tracing and AI-enhanced gaming.
- Video editing and 3D rendering.
- Streaming and content creation.
- Professional creative workloads.
- Multi-monitor productivity setups.

Specifications:

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Specifications	
Product Code	ROG-STRIX-RTX5070-O12G-G
Brand	ASUS
Product Dimensions (L x W x H)	33.2 x 14.73 x 6.4
Release Year	2025
GPU Chipset	NVIDIA GeForce RTX 5070
VRAM	12GB
Memory Type	GDDR7

Boost Clock	2685MHz
PCIe Interface	PCIe 5.0
Display Outputs	2 x HDMI 2.1b
	3 x DisplayPort 2.1b
Card Length	332mm
Slot Width	3.2 Slot
Recommended PSU	750W
Power Connectors	1 x 16-pin
Cooling Fans	3
RGB Lighting	Yes

Product Information Online

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

Product page:
https://www.comx-computers.co.za/ROG-STRIX-RTX5070-O12G-G-Asus-ROG-Strix-Geforce-RTX-5070-12GB-GDDR7-OC-Edition-PCI-p-339525.php

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