

90PF0561-M02JV0-TRTX5070

Asus ROG G700 Intel Core Ultra 5 RTX 5070 TUF 16GB DDR5 1TB NVMe Windows 11 Home PC

Product Overview

Asus ROG G700 Intel Core Ultra 5 RTX 5070 TUF 16GB DDR5 1TB NVMe Windows 11 Home PC, Intel Core Ultra 5 225F Processor with 10 Cores and up to 4.9GHz Speed, Asus TUF Gaming Geforce RTX 5070 OC Edition Graphics card with 12GB GDDR7 Memory, 16GB DDR5 UDIMM RAM expandable up to 128GB Maximum capacity, 1TB M.2 2280 NVMe PCI-e 4.0 SSD storage for fast Data Access, Windows 11 Home Operating System Pre-Installed on the unit, Liquid CPU Cooler for Thermal Management during Operation





Specifications

Overview Summary:

Upgrade your setup with the powerful Asus ROG G700 gaming desktop, now available for local delivery across South Africa. Equipped with an Intel Core Ultra 5 processor and the latest RTX 5070 graphics card, this machine delivers exceptional performance for modern games and multitasking without the need to build from scratch.

Featuring a liquid CPU cooler and tool-less chassis design, the ROG G700 ensures quiet operation and easy upgrades. Don't wait on your next gaming upgrade; buy now and experience high-fidelity graphics with Windows 11 Home pre-installed.

Performance tier:High-End

Uses:Gaming, Streaming, Content Creation, Video Editing, Multitasking

Overview:

The ASUS ROG G700 gaming desktop is a ready-to-play powerhouse designed for gamers who demand high performance without the complexity of building their own system. Powered by the 10-core Intel Core Ultra 5 225F processor and equipped with an ASUS TUF Gaming GeForce RTX 5070 graphics card, this machine delivers smooth gameplay at high settings while handling multitasking and streaming with ease. The combination of Windows 11 Home, 16GB of DDR5 memory, and a rapid 1TB PCIe 4.0 NVMe SSD ensures that your games load quickly and your system responds instantly to every command.

Description:

The ASUS ROG G700 (Part Number: 90PF0561-M02JV0-TRTX5070) combines cutting-edge NVIDIA Blackwell architecture with robust Intel processing to create a versatile gaming PC. It features military-grade TUF components, advanced liquid CPU cooling, and an easy-to-upgrade chassis with tool-less panels, making it an ideal choice for players who want reliability and future-proof performance straight out of the box.

This desktop leverages the latest in graphics technology through the ASUS TUF Gaming GeForce RTX 5070 OC Edition, which includes 12GB of GDDR7 memory. The card supports DLSS 4 with Multi Frame Generation and features fourth-gen ray tracing cores alongside fifth-gen Tensor cores to render high-fidelity visuals smoothly. To keep temperatures in check during intense gaming sessions, the system utilizes a liquid CPU cooler paired with an airflow-optimized chassis design that maintains steady performance.

Beneath the hood lies the Intel Core Ultra 5 225F processor, capable of reaching speeds up to 4.9GHz across its 10 cores and

10 threads. With 20MB of cache available, the system excels at everything from competitive gaming to content creation tasks. The memory configuration starts with 16GB of DDR5 U-DIMM RAM but supports expansions up to 128GB, providing ample room for growing workloads.

Features:

Key Features:

- Powered by the ASUS TUF Gaming GeForce RTX 5070 OC Edition with 12GB GDDR7 and NVIDIA Blackwell architecture for advanced ray tracing and DLSS 4 support
- Equipped with an Intel Core Ultra 5 225F processor featuring 10 cores, 10 threads, and a boost clock up to 4.9GHz
- Includes a liquid CPU cooler and optimized airflow design for silent and cool operation under heavy loads
- Features tool-less side and front panels allowing for quick and easy access during upgrades or maintenance
- Comes with a fast 1TB M.2 NVMe PCIe 4.0 SSD for rapid boot times and snappy game loading
- Equipped with 2.5 Gigabit Realtek networking (RTL8125BG) ensuring low-latency online gaming experiences

The chassis design prioritizes both aesthetics and functionality, utilizing a vented metal exoskeleton and protective PCB coating to enhance durability. The graphics card itself is built with military-grade components including TUF chokes, MOSFETs, and capacitors rated for extended temperature tolerance, ensuring longevity even during marathon gaming sessions. Dual-ball fan bearings and MaxContact design further contribute to the cooling efficiency of this high-end setup.

For those looking to expand their system later, the G700 offers significant flexibility with its support for up to 128GB of DDR5 memory and easy access points created by the tool-less panels. The pre-installed Windows 11 Home operating system ensures you are ready to start playing or working immediately without additional configuration.

Technical Specifications:

- Operating System: Windows 11 Home
- CPU: Intel Core Ultra 5 225F (3.3GHz base, up to 4.9GHz boost), 10 cores / 10 threads, 20MB cache
- Graphics Card: ASUS TUF Gaming GeForce RTX 5070 OC Edition with 12GB GDDR7 memory
- Memory: 16GB DDR5 U-DIMM (Expandable to 128GB)
- Storage: 1TB M.2 2280 NVMe PCIe 4.0 SSD
- Networking: Realtek RTL8125BG supporting 10/100/1000/2500 Mbps speeds
- Cooling Solution: Liquid CPU cooler with air cooling integration

What's in the Box

- Asus ROG G700 Intel Core Ultra 5 Windows 11 Home PC (RTX 5070 TUF | 16GB DDR5 | 1TB NVMe)

The ASUS ROG brand is widely recognized for blending serious performance with exceptional build quality, making the G700 a trusted choice for gamers in South Africa and beyond. This desktop punches well above its footprint by integrating a capable Core Ultra processor with the latest GeForce RTX graphics, offering a smart and future-ready solution for those who prefer a complete package over custom assembly.

Specifications:

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Specifications	
Product Code	90PF0561-M02JV0-TRTX5070
Operating System	Windows 11 Home

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Product Specification Sheet

Processor	Intel Core Ultra 5 225F, 3.3GHz (up to 4.9GHz), 10 cores / 10 threads, 20MB cache
Graphics	ASUS TUF Gaming GeForce RTX 5070 OC Edition 12GB GDDR7
Memory	16GB DDR5 U-DIMM
Maximum Memory	128GB
Storage	1TB M.2 2280 NVMe PCIe 4.0 SSD
Networking	Realtek RTL8125BG (10/100/1000/2500 Mbps)
CPU Cooling	Liquid Cooler
Chassis	Tool-less side and front panels

FAQ

What graphics capabilities does the ASUS ROG G700 offer?

This desktop features an ASUS TUF Gaming GeForce RTX 5070 OC Edition with 12GB of GDDR7 memory, supporting DLSS 4, Multi Frame Generation, and fourth-gen ray tracing for high-fidelity gaming.

Can I upgrade the RAM or storage on this system?

Yes, the system comes with 16GB of DDR5 U-DIMM memory that can be expanded up to a maximum of 128GB, and it includes a fast 1TB M.2 NVMe PCIe 4.0 SSD.

How does this PC handle cooling during long sessions?

The G700 uses a liquid CPU cooler combined with an airflow-optimised chassis to maintain performance and keep noise levels low under heavy loads.

Is this computer ready for immediate use out of the box?

Absolutely, it ships pre-installed with Windows 11 Home and is designed as a complete gaming setup requiring no assembly or building from scratch.

How easy is it to access internal components for upgrades?

The chassis features tool-less side and front panels, allowing you to quickly access internals for maintenance or component swaps without needing screws or tools.

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/90PF0561-M02JV0-TRTX5070-Asus-ROG-G700-Intel-Core-Ultra-Buy-p-341760.php>

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Product Specification Sheet

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