

Graphics card ASUS PRIME GeForce RTX 5070 12GB GDDR7 OC Edition (PCIe 5.0, SFF-Ready)



Modelis: 90YV0M10-M0NA00

Gamintojas: ASUS

EAN: 4711387837825

Prekės kodas: 379648

660.99€

ASUS PRIME GeForce RTX 5070 12GB OC Edition - Primed for Next-Gen Gaming

The ASUS PRIME GeForce RTX 5070 12 GB OC Edition graphics card is engineered for primal performance in both gaming and demanding creative workloads. Built on the cutting-edge NVIDIA Blackwell Architecture, this GPU delivers ultra-responsive visuals and superior rendering capabilities, supported by 12 GB of ultra-fast GDDR7 memory operating at 28 Gbps. The card's design,

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compatible with the PCI Express 5.0 bus, is optimized to fit high performance into smaller systems, featuring an SFF-Ready Enthusiast design that ensures broad compatibility without sacrificing power.

Advanced Cooling and Reliability Features

Maintaining the factory-overclocked Boost Clock speed of 2587 MHz requires exceptional thermal management. The Prime RTX 5070 utilizes a carefully optimized 2.5-slot design, maximizing airflow efficiency within the chassis. The robust cooling system incorporates several key technologies:

- **Axial-tech Upgrades:** Three highly reliable fans featuring a barrier ring design to increase downward air pressure, ensuring lower operating temperatures and reduced noise.
- **0dB Technology:** For truly silent operation during light computing or less demanding games, all three fans halt when GPU temperatures are below 50°C.
- **MaxContact Design:** A specialized manufacturing process expands the heat spreader's contact area with the GPU by 5%, significantly improving thermal transfer efficiency.
- **Dual Ball Fan Bearings:** Offers superior durability and a lifespan up to twice as long compared to traditional sleeve bearing designs.
- **Phase-Change GPU Thermal Pad:** This premium thermal solution melts to effectively fill microscopic gaps, providing superior thermal conductivity and enhanced heat dissipation under heavy load.
- **Dual BIOS:** Provides flexibility to choose between Performance mode (maximum cooling fan profile) and Quiet mode (less aggressive fan curve for reduced acoustics).

Unparalleled Performance and Build Quality

Experience unparalleled realism and accelerated rendering thanks to NVIDIA's latest technologies. The RTX 5070 utilizes 4th Gen Ray Tracing Cores for lifelike lighting and 5th Gen Tensor Cores supporting advanced AI features like DLSS Multi Frame Generation. With 6144 CUDA cores, the card is capable of achieving maximum resolutions up to 7680 x 4320, supporting up to four simultaneous displays via three DisplayPort and one HDMI interface.

- **ASUS GPU Guard & Bracket:** Structural reinforcement designed to reduce the risk of PCB cracks and ensure uniform mounting pressure and stability.
- **Protective Backplate:** Adds significant structural rigidity to the PCB, protecting sensitive components and trace pathways from damage.

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- **Auto–Extreme Technology:** An automated manufacturing process that sets new industry standards, enhancing product reliability, minimizing thermal strain on components, and ensuring consistent quality.
- **Stainless Steel Bracket:** The robust mounting bracket is made from corrosion-resistant grade 304 stainless steel for long-term stability.

ASUS is a world-renowned technology leader dedicated to creating products for today's smart life, spanning PCs, components, and solutions known for their innovation and quality.

Order today from ++SHOP++ as we offer the best deals and reliable delivery on cutting-edge graphics technology.

Primed for Power

Experience Primal performance with the Prime GeForce RTX 5070, an SFF-Ready Enthusiast GeForce Card featuring a 2.5-slot design for expansive compatibility, enhanced by a triple-fan setup for supreme airflow design for supreme cooling.

NVIDIA Blackwell Architecture

The Ultimate Platform for Gamers and Creators

Build Small. Play Big.

You can pack high performance into a smaller footprint with this SFF-Ready Enthusiast GeForce card. Look for cases that are compatible with SFF-Ready Enthusiast GeForce Cards to get a sure fit and streamline your PC build.

Cooling

2.5-slot Design

The Prime RTX 5070 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

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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 50 Celsius, letting you play less demanding games or perform light tasks in relative silence. Fans start up again when temperatures are over 55 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.

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

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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.

RTX. It's On.

The Ultimate in Ray Tracing and AI

RTX is the most advanced platform for full ray tracing and neural rendering technologies that are revolutionizing the ways we play and create. Over 700 games and applications use RTX to deliver realistic graphics and incredibly fast performance with cutting-edge AI features like DLSS Multi Frame Generation.

Creators

Your Creative AI-advantage

NVIDIA Studio is your creative advantage. GeForce RTX 50 Series GPUs unlock transformative performance in video editing, 3D rendering, and graphic design. Experience RTX accelerations in top creative apps, world-class NVIDIA Studio drivers engineered and continually updated to provide maximum stability, and a suite of exclusive tools that harness the power of RTX for AI-assisted creative workflows.

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The ASUS PRIME GeForce RTX 5070 12 GB offers graphics performance suitable for gaming and professional applications. With a powerful NVIDIA GeForce RTX 5070 graphics processor, this OC Edition card features a memory capacity of 12 GB using GDDR7 SDRAM technology, ensuring fast and responsive visuals at high resolutions up to 7680 x 4320. The card supports up to four monitors, making it a choice for multitasking and immersive experiences.

Equipped with NVIDIA's technologies, including 4th gen Ray Tracing Cores and 5th gen Tensor Cores, the GPU delivers rendering capabilities. The product also includes features like Dual Bios and ASUS GPU Guard for reliability and operation. With a boost clock speed reaching 2587 MHz in OC mode and cooling technologies like a 2.5-slot Fan Cooler and 0dB Technology, this graphics card operates efficiently under heavy workloads, ensuring a smooth gaming or professional experience.

Product Description: ASUS PRIME GeForce RTX 5070 12GB - OC Edition - graphics card - GeForce RTX 5070 - 12 GB | Device Type: Graphics card | Bus Type: PCI Express 5.0 | Graphics Engine: NVIDIA GeForce RTX 5070 - up to 1005 TOPS | Memory: 12 GB GDDR7 | Memory Speed: 28 Gbps | Boost Clock: 2557 MHz | Boost Clock (OC): 2587 MHz | CUDA Cores: 6144 | Memory Interface: 192-bit | Max Resolution: 7680 x 4320 | Max Monitors Supported: 4 | Interfaces Details: 3 x DisplayPort HDMI | API Supported: OpenGL 4.6 | Dimensions (WxDxH): 5 cm x 30.4 cm x 12.6 cm

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