

ASUS Prime – RTX5070-O12G NVIDIA GeForce RTX 5070 12 GB GDDR7

Model: PRIME-RTX5070-O12G

Manufacturer: ASUS

EAN: 4711387837825

Product Code: 1223668

R30,231

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

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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

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

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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

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.

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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-dvantage

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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