

ASUS ProArt - RTX5080-O16G NVIDIA GeForce RTX 5080 16 GB GDDR7

Model: 90YV0N30-M0NA00

Manufacturer: ASUS

EAN: 4711636174992

Product Code: 1721366

R42,795

ProArt GeForce RTX™ 5080

Visionary. Versatile. Timeless.

The ProArt GeForce RTX™ 5080 combines a compact 2.5-slot design with potent cooling – three Axial-tech fans, a vapor chamber, and a phase-change GPU thermal pad – to deliver GeForce RTX 50 Series performance to both full-scale towers and space-saving SFF builds. A USB Type-C® port enhances versatility for content creation workflows, while a wood-patterned laminate trim and low-key Aura-lit logo help deliver a refined aesthetic.

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.

Creator-Centric Design

USB Type-C Support

ProArt GeForce RTX 5080 comes with a USB Type-C output for connecting to a monitor capable of using the port to receive video. It also features two DisplayPort™ 2.1b ports and one HDMI® 2.1b port for multiple high-resolution displays, boosting productivity across creative workflows.

Illuminated Logo

The refined, aura-lighted ProArt logo provides a subtle and elegant accent.

Minimalist Looks

The brown wood-patterned laminate trim and refined ProArt gold elements seamlessly integrate into any designer's build for a clean and sophisticated aesthetic.

Potent Cooling

Efficient Cooling in Compact 2.5-Slot Design

The ProArt GeForce RTX 5080 features a 2.5-slot design and an advanced cooling system with Axial-tech fans plus heatpipes and a vapor chamber for efficient heat dissipation. This combination helps ensure low temperatures, low noise, and high performance.

Reverse Rotation and 0dB Technology

The two outer fans spin counterclockwise to minimize turbulence and to maximize air dispersion through the heatsink. All three fans come to a standstill when GPU temperatures are below 50°C, enabling you to perform light creative tasks in relative silence. Fans start up again when temps are over 55°C, referencing a speed curve that balances performance and acoustics for work or play.

Vapor Chamber

A vapor chamber, heatpipes and heatsink efficiently soak up heat from the GeForce RTX 5080 GPU, helping to ensure premium performance in a variety of scenarios.

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Vented Backplate

Large backplate vents significantly enhance heat dissipation, helping to keep temperatures nominal during intense tasks. This additional airflow helps ensure optimal temperatures, performance, longevity and stability.

Dual BIOS

Performance mode lets the fans spin up to emphasize cooling, 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.

MaxContact Design

MaxContact is an ASUS-exclusive manufacturing technique that effectively increases the surface area of the GPU heat spreader by 5% for improved thermal efficiency.

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 PCB Coating

A protective conformal coating envelops the circuit board to help protect against short-circuits caused by moisture, dust or debris.

Auto−Extreme Technology

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This ASUS-exclusive automated manufacturing process sets a standard in the industry by allowing all soldering to be completed in a single pass, reducing thermal strain on components and avoiding the use of harsh cleaning chemicals. This unique process leads to reduced environmental impact, lower manufacturing power consumption and a more reliable product overall.

Pillar of Support

The bundled graphics card holder banishes sag and also contains a screwdriver to help you build.

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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