Graphics Card ASUS NVIDIA GeForce RTX 5050 8 GB GDDR6 128 bit PCI Express 5.0 Active DUAL-RTX5050-O8G

Model: DUAL-RTX5050-O8G

Manufacturer: ASUS

EAN: 4711636178518

Product Code: 14574

R7,938

DUAL GEFORCE RTX™ 5050

Dual Fans, Perfect Fit

ASUS Dual GeForce RTX™ 5050 combines powerful thermal performance with broad compatibility. Advanced cooling solutions from flagship graphics cards — including two Axial-tech fans for optimizing airflow to the heatsink. Designed in a compact 2-slot form factor, delivering more power in less space. These enhancements make ASUS Dual the perfect choice for gamers who want heavyweight graphics performance in a compact build.

Cooling

2-slot Design

A carefully designed shroud, heatsink, and heatpipe layout enables the two Axial-tech fans to leverage chassis side-panel ventilation, delivering thermal performance that beyond the compact size.

Axial-tech Upgrades

Two tried-and-true Axial-tech fans feature a smaller hub facilitates longer blades and a barrier ring to increase downward air pressure.

0dB Technology

To eliminate unnecessary noise, the stop mode automatically halts all fans when the GPU temperature drops below 50 degrees and power consumption is low.

Dual Ball Fan Bearings

Fan bearings come in different types, each with its own advantages. Dual ball bearings provide superior durability and can last up to twice as long as sleeve-bearing designs.

Vented Backplate

A vented backplate 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.

Unmatched Reliability

ASUS GPU Guard

ASUS GPU Guard applies adhesive to secure all four corners to reduce the risk of cracks.

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 of the Dual has been beefed up with 304 Stainless Steel that's harder and

more resistant to corrosion.

Engineering

Dual BIOS

Do you prioritize lower core temperatures or quieter operation? Performance mode increases fan speed to keep the card running cool all the time. Quiet mode maintains the same power target and performance settings, but applies a less aggressive fan curve for quieter operation at medium temperatures. Want more control? Customize your experience with GPU Tweak III software for fine-tuned fan profiles and performance adjustments.

Auto–Extreme Technology

Auto-Extreme Technology is an automated manufacturing process that sets new standards in the industry by allowing completing all soldering to be completed in a single pass. This reduces thermal strain on components and avoids the use of harsh cleaning chemicals, resulting and minimizes in less environmental impact. The result is lower power consumption during manufacturing and a more reliable, high-quality product.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.

Summary: ASUS Dual -RTX5050-O8G. Graphics processor family: NVIDIA, Graphics processor:

GeForce RTX 5050. Discrete graphics card memory: 8 GB, Graphics card memory type: GDDR6, Memory bus: 128 bit. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate, OpenGL version: 4.6. Interface type: PCI Express 5.0. Cooling type: Active, Number of fans: 2 fan(s) | Vendor Homepage: https://www.asus.com/motherboards-components/graphics-cards/dual/dual-rtx5050-o8g/ | CUDA: Yes | CUDA cores: 2560 | Graphics processor: GeForce RTX 5050 | Graphics processor family: NVIDIA | Maximum displays per videocard: 4 | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | Processor boost clock speed: 2647 | Processor frequency (OC mode): 2677 | Data transfer rate: 20 | Discrete graphics card memory: 8 | Graphics card memory type: GDDR6 | Memory bus: 128 | DisplayPort version: 2.1b | DisplayPorts quantity: 3 | HDMI ports quantity: 1 | HDMI version: 2.1b | Interface type: PCI Express 5.0 | DirectX version: 12 Ultimate | Dual Link DVI: No | HDCP: Yes | HDCP version: 2.3 | NPU performance up to: 421 | NVIDIA G-SYNC: Yes | OpenGL version: 4.6 | Overclocked (OC) edition: Yes | TV tuner integrated: No | Virtual Reality (VR) ready: Yes | Cooling technology: ASUS Axial-tech | Cooling type: Active | Form factor: Full-Height/Half-Length (FH/HL) | Number of fans: 2 | Number of slots: 2 | Product colour: Black | Minimum system power supply: 550 | Supplementary power connectors: 1x 8-pin | Windows operating systems supported: Windows 10 x64/Windows 11 x64 | Depth: 40 | Height: 120.2 | Length: 203 | Package type: Box | Manual: Yes | Model: DUAL-RTX5050-O8G | Units per Pallet: 0 | Units per Shipping Box: 10 | Unit Calculated Volume: 0.004541 | Product Net Weight: 0.8 | Unit Calculated Weight: 0.96