Graphics Card PALIT NVIDIA GeForce RTX 5080 2295 MHz 16 GB GDDR7 256 bit PCI Express 5.0 Active NE75080S19T2-GB2031A

Model: NE75080S19T2-GB2031A

Manufacturer: PALIT

EAN: 4710562244922

Product Code: 17945

R31,051

GamingPro: Pure Performance with Style

The Palit GamingPro Series merges sleek, industrial design with robust performance.

Its ARGB accents and advanced cooling solutions—featuring TurboFan 4.0, Air Deflector, and

Composite Heat Pipes— ensure optimal thermal efficiency. Features like dual BIOS, 0dB technology, and a die-casting frame enhance its performance flexibility and board reliability. With Palit Maker support, users can easily customize the cooler cover via 3D printing.

Balancing functionality and style, it's an ideal choice for gamers, creators, and AI professionals.

Inspired by jet engines and aircraft wings, TurboFan 4.0 optimizes airflow dynamics for outstanding cooling efficiency.

With winglets that stabilize airflow and grooves on the blade backs to reduce drag and noise, TurboFan 4.0 channels air smoothly toward the heat sink. This design achieves a total of 33% boost in noise and thermal optimization.

The 30° fin angle guides the airflow precisely across the surface, maximizing contact with the fins for a total of 16% noise and airflow optimization.This enhancement allows for smoother, more effective heat dissipation.

The Composite Heat Pipe leverages two advanced techniques-grooved and sintered powder structures-that work in harmony to enhance thermal efficiency.

An optimal copper powder composition is applied to boost the heat dissipation by up to 32%, ensuring your GPU maintains peak performance even under high-power scenarios.

Through rigorous testing, the Vapor Chamber is customized based on each GPU's thermal hotspots and heat pipe layout to achieve ideal thickness for optimal performance.

Fully covering the GPU and VRAM, the VC spreads heat evenly across the surface, ensuring rapid transfer to the heatsink and maintaining peak performance under demanding conditions.

Plug and Play. Shine in Harmony.
The universal 5V ARGB connector makes lighting synchronization effortless. Simply plug and play to sync your board's lighting with the rest of your PC—no additional software needed.

The die-casting frame is redesigned to a full-cover version, now 3.6 times larger for comprehensive protection.

Its rounded corner design perfectly matches the board shape, providing anti-bending durability and a premium feel.

The digital PWM, the IC component commonly used in server-grade hardware, is integrated into our graphics cards.

This technology enables flexible voltage control and minimizes interference, optimizing power delivery.

Enhanced Durability and Stability

The Dual-Ball Bearing system delivers reinforced stability and durability.

- IP5X Dust Resistance: Shields against dust for reliable long-term performance.
- Reduced Vibration: Minimizes fan movement for quieter operation.
- Extended Lifespan: 50% improved fan lifespan compared to sleeve ball bearings.

Dual BIOS

The Dual BIOS technology provides automatic protection and performance flexibility.

Performance Mode: Prioritize peak performance with aggressive fan curves for optimal cooling.

Silent Mode: Prioritize quiet operation with a less aggressive fan curve.

Silent Performance When It Matters

The fans remain off during lighter tasks, delivering a silent operation. They activate only when needed.

Activation Conditions: GPU reaches ~60°C, or TGP exceeds ~150W

Deactivation Conditions: GPU drops below ~50°C, memory below ~80°C, and TGP below ~60W

Palit's new ThunderMaster has thorough upgrade from the previous version. It has more user-friendly interface as well as more personalized settings. With ThunderMaster, you can control your video card

from overclock setting, fan speed to LED effect. You can also monitor GPU status with ThunderMaster utility.

Summary: Palit GeForce RTX 5080 GamingPro OC. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 5080, Processor frequency: 2295 MHz. Discrete graphics card memory: 16 GB, Graphics card memory type: GDDR7, Memory bus: 256 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: 3 fan(s), Illumination colour: Multi | Vendor Homepage: https://www.palit.com/palit/vgapro.php?id=5405&lang=en | CUDA: Yes | CUDA cores: 10752 | Graphics processor: GeForce RTX 5080 | Graphics processor family: NVIDIA | Maximum displays per videocard: 4 | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | Processor boost clock speed: 2700 | Processor frequency: 2295 | Data transfer rate: 30 | Discrete graphics card memory: 16 | Graphics card memory type: GDDR7 | Memory bandwidth (max): 960 | Memory bus: 256 | 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 | NVIDIA Ansel: Yes | NVIDIA G-SYNC: Yes | OpenGL version: 4.6 | Overclocked (OC) edition: Yes | TV tuner integrated: No | Virtual Reality (VR) ready: Yes | Bracket height: Full-Height (FH) | Cooling technology: Palit TurboFan Blade 4.0 | Cooling type: Active | Form factor: Full-Height/Full-Length (FH/FL) | Illumination: Yes | Illumination colour: Multi | Number of fans: 3 | Number of slots: 3 | Product colour: Black | Minimum system power supply: 850 | Power consumption (max): 360 | Supplementary power connectors: 1x 16-pin | Depth: 60 | Height: 127.1 | Length: 331.9 | Package type: Box | Power cord included: Yes | User guide: Yes | Units per Pallet: 0 | Units per Shipping Box: 5 | Unit Calculated Volume: 0.01273 | Product Net Weight: 2.3 | Unit Calculated Weight: 2.69