



Graphics Card
PALIT NVIDIA
GeForce RTX
5080 16 GB
GDDR7 256 bit
PCIE 5.0 16x
Triple slot
Fansink 1xHDMI
3xDisplayPort
NE75080019T2-
GB2030G

Model: NE75080019T2-GB2030G

Manufacturer: PALIT

EAN: 4710562244892

Product Code: 40434

R37,312

GameRock: A Fusion of Art and Power

The Palit GameRock series combines stunning aesthetics with powerful performance.

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Its Chameleon Panel offers dynamic, ever-changing colors with ARGB Sync Evo support for easy synchronization of lighting. Advanced cooling features like TurboFan 4.0, Air Deflector, Composite Heat Pipes, and a Vapor Chamber ensure optimal thermal performance.

Designed to dazzle and deliver, GameRock is perfect for gamers, creators, and AI enthusiasts.

The GameRock's chameleon-inspired panel features dazzling, ever-changing colors that shift with different viewing angles.

Its optical camouflage effect creates a unique, dynamic visual experience, blending vibrant colors for a mesmerizing look.

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

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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.

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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 GameRock. 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=5355&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: 2617 | 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 | 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: 3.5 | Product colour: Black | Minimum system power supply: 850 | Power consumption (max): 360 | Supplementary power connectors: 1x 16-pin | Depth: 70.4 | Height: 150 | Length: 331.9 | Package type: Box | Power cord included: Yes | User guide: Yes | Model: NE75080019T2-GB2030G | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01601 | Product Net Weight: 1 | Unit Calculated Weight: 3.2

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