

**Graphics Card**  
**PALIT NVIDIA**  
**GeForce RTX**  
**5070 12 GB**  
**GDDR7 192 bit**  
**PCIE 5.0 16x**  
**Triple slot**  
**Fansink**  
**NE75070S19K9-**  
**GB2050S**



Model: NE75070S19K9-GB2050S

Manufacturer: PALIT

EAN: 4710562245080

Product Code: 309903

**R14,723**

## A New Era of SFF Power: The Infinity 3 Series

SFF builds are gaining popularity for good reasons. They save space, reduce clutter, and offer more portability. The Palit GeForce RTX™ 5070 Infinity 3 Series is designed with this goal in mind - to deliver the power of a high-end GPU within a form factor that fits into compact PC cases.

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Powered by NVIDIA Blackwell, GeForce RTX™ 50 Series GPUs bring game-changing AI capabilities to gamers and creators.

## **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.

### **Supreme Speed. Superior Visuals. Powered by AI.**

DLSS is a revolutionary suite of neural rendering technologies that uses AI to boost FPS, reduce latency, and improve image quality. The latest breakthrough, DLSS 4, brings new Multi Frame Generation and enhanced Ray Reconstruction and Super Resolution, powered by GeForce RTX™ 50 Series GPUs and fifth-generation Tensor Cores. DLSS on GeForce RTX™ is the best way to play, backed by an NVIDIA AI supercomputer in the cloud constantly improving your PC's gaming capabilities.

### **Full Ray Tracing with Neural Rendering**

#### **Game-Changing Realism**

The NVIDIA Blackwell architecture unlocks the game-changing realism of full ray tracing. Experience cinematic quality visuals at unprecedented speed powered by GeForce RTX™ 50 Series with fourth-gen RT Cores and breakthrough neural rendering technologies accelerated with fifth-gen Tensor Cores.

### **NVIDIA Reflex 2**

#### **Compete at Warp Speed**

Reflex technologies optimize the graphics pipeline for ultimate responsiveness, providing faster target acquisition, quicker reaction times, and improved aim precision in competitive games. Reflex 2 introduces Frame Warp, which further reduces latency based on the game's latest mouse input.

### **RTX AI PCs**

#### **NVIDIA Powers the World's AI. And Yours.**

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Upgrade to advanced AI with NVIDIA GeForce RTX™ GPUs and accelerate your gaming, creating, productivity, and development. Thanks to built-in AI processors, you get world-leading AI technology powering your Windows PC.

## **Creators**

### **Your Creative AI-advantage**

NVIDIA Studio boosts creativity with RTX 50 GPUs, enhancing video editing, 3D rendering, and design. Enjoy AI-powered tools and stable Studio drivers for optimized performance in creative workflows.

## **NVIDIA Broadcast**

### **Your AI-Powered Home Studio**

AI-enhanced tools elevate livestreams, voice chats, and video calls by removing noise and customizing visuals.

## **RTX Video**

### **Upgrade Your Video Viewing**

RTX Video Super Resolution sharpens details and removes artifacts, delivering stunning 4K clarity in browsers.

## **RTX Remix**

### **Remaster The Classics**

RTX Remix helps modders enhance game assets, add ray tracing, and create stunning RTX remasters.

## **Video Editing**

### **Speed Meets Creativity**

The ninth-gen NVIDIA Encoder accelerates video exports and AI effects in top creative apps.

## **Additional Features and Benefits**

### **Game Ready and Studio Drivers**

GeForce Game Ready and Studio Drivers deliver the best experience for your favorite games. They're finely tuned in collaboration with developers and extensively tested across thousands of

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hardware configurations for maximum performance and reliability.

### **NVIDIA App**

The essential companion for PC gamers and creators. Keep your PC up to date with the latest NVIDIA drivers and technology. Optimize games and applications with a new unified GPU control center, and discover the latest NVIDIA apps.

### **NVIDIA G-SYNC**

NVIDIA G-SYNC® is a suite of the ultimate display technologies. They offer enhanced motion clarity, smooth tear-free immersion, ultra-high frame rates, and more.

### **Virtual Reality**

The highest-performance graphics deliver the smoothest, most immersive VR experiences.

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 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.

### **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 streamline your PC build.

### **Silent Performance When It Matters**

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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 5070 Infinity 3 OC. Graphics processor family: NVIDIA, Graphics processor: GeForce RTX 5070, Processor frequency: 2325 MHz. Discrete graphics card memory: 12 GB, Graphics card memory type: GDDR7, Memory bus: 192 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) | Vendor Homepage:

<https://www.palit.com/palit/vgapro.php?id=5465&lang=en> | CUDA: Yes | CUDA cores: 6144 | Graphics processor: GeForce RTX 5070 | Graphics processor family: NVIDIA | Maximum displays per videocard: 4 | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | Processor boost clock speed: 2542 | Processor frequency: 2325 | Data transfer rate: 28 | Discrete graphics card memory: 12 | Graphics card memory type: GDDR7 | Memory bandwidth (max): 672 | Memory bus: 192 | 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 | Cooling technology: Palit TurboFan Blade 4.0 | Cooling type: Active | Number of fans: 3 | Number of slots: 2 | Product colour: Black | SFF ready: Yes | Minimum system power supply: 650 | Supplementary power connectors: 1x 16-pin | Thermal Design Power (TDP): 250 | Depth: 41.3 | Height: 116.6 | Length: 291.9 | Package type: Box | Power cord included: Yes | Quick installation guide: Yes | Model: NE75070S19K9-GB2050S | Units per Pallet: 0 | Units per Shipping Box: 10 | Unit Calculated Volume: 0.009152 | Product Net Weight: 1 | Unit Calculated Weight: 1.41

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