



Graphics Card SAPPHIRE AMD Radeon RX 9070 16 GB GDDR6 256 bit PCIE 5.0 16x Dual Slot Fansink 2xHDMI 2xDisplayPort 11349-03-20G

Model: 11349-03-20G

Manufacturer: SAPPHIRE

EAN: 4895106295971

Product Code: 14423

R16,595

Honeywell PTM7950 TIM

The Honeywell PTM7950 Thermal Interface Material (TIM) offers a premium solution for high-performance electronics, particularly in the demanding field of graphics processing units (GPUs). The PTM7950 delivers superior thermal conductivity, enhancing the reliability and longevity of graphics cards by its outstanding material characteristics.

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Free Flow

The Free Flow cooling design is tailored for axial fan systems, featuring an advanced heatsink fin module that optimizes airflow paths. By reducing turbulence and channeling air efficiently, it maximizes heat dissipation, ensuring consistent performance even under heavy thermal loads.

AeroCurve Fan Blade

The latest fan blade design builds upon its predecessor with advancements that reduce air friction, increasing the usable fan RPM range while maintaining low noise levels. This refined design ensures improved airflow, optimized static pressure, and enhanced cooling efficiency for demanding applications.

Optimized Composite Heatpipe

The composite heatpipes are fine-tuned for each individual cooling design with optimal heat flow, efficiently and evenly spreading out the heat to the entire cooling module.

Integrated Cooling Module

Integrated Cooling is an advanced thermal management solution engineered to provide efficient heat dissipation across all critical components of a graphics card. This innovative design ensures direct contact with the GPU, memory modules, and VRMs, delivering uniform thermal regulation. By addressing all major heat sources, the Integrated Cooling Module helps maintain stable operating temperatures, improving overall system performance and reliability. Ideal for demanding workloads such as gaming, content creation, and overclocking, it ensures optimal thermal efficiency under sustained use.

Tough Metal Backplate

The all-aluminum backplate provides additional rigidity that guarantees nothing bends and dust stays out. It also helps cool your card by increasing heat dissipation.

FrameDefense

The mechanical design of the graphics card features a robust, box-like frame that ensures exceptional build quality and durability. This solid construction provides a protective enclosure for all internal components, reducing the risk of damage during handling or installation. This rigid frame offers added stability and strength, making it highly resistant to accidental impacts or pressure,

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ensuring that the delicate components, such as the GPU, memory, and VRMs, remain secure. With this design, users can confidently handle the card without worrying about compromising its integrity or performance.

Two-Ball Bearing

These feature Dual Ball bearing fans, which have an approximately 85% longer lifespan than sleeve bearings in our tests. The improvements to the fan blades means the solution is up to 10% quieter than the previous generation.

High TG Copper PCB

The GPU is mounted on to the high-density 12 layer 2oz Copper and high TG PCB to match the rapid speed, high current and increased power requirement of the GPU and memory to guarantee high stability of the PCB during operation.

Fuse Protection

In order to protect your card, the SAPPHIRE cards have fuse protection built into the circuit of the external PCI-E power connector to keep the components safe.

Digital Power Design

SAPPHIRE PULSE AMD Radeon™ RX 9070 Series are designed with digital power which provides accurate power control and excellent power efficiency

- GPU: Boost Clock: Up to 2520 MHz
- GPU: Game Clock: Up to 2070 MHz
- Memory: 16GB/256 bit DDR6. 20Gbps Effective
- Stream Processors: 3584
- AMD RDNA™ 4 Architecture
- Ray Accelerator: 56

Summary: Sapphire PULSE Radeon RX 9070. Graphics processor family: AMD, Graphics processor: Radeon RX 9070. Discrete graphics card memory: 16 GB, Graphics card memory type: GDDR6, Memory bus: 256 bit. Maximum resolution: 7680 x 4320 pixels. DirectX version: 12 Ultimate. Interface type: PCI Express x16 5.0. Cooling type: Active, Number of fans: 2 fan(s) | Vendor Homepage: <https://www.sapphiretech.com/en/consumer/pulse-radeon-rx-9070-16g-gddr6> | AI

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accelerators: 112 | Compute units: 56 | CUDA: No | Graphics processor: Radeon RX 9070 | Graphics processor family: AMD | Infinity cache: 64 | Maximum displays per videocard: 4 | Maximum resolution: 7680 x 4320 | Parallel processing technology support: Not supported | Processor boost clock speed: 2520 | Processor boost clock speed (Gaming mode): 2070 | Ray accelerators: 56 | Stream processors: 3584 | Data transfer rate: 20 | Discrete graphics card memory: 16 | Graphics card memory type: GDDR6 | Memory bus: 256 | DisplayPort version: 2.1a | DisplayPorts quantity: 2 | HDMI ports quantity: 2 | Interface type: PCI Express x16 5.0 | AMD FreeSync: Yes | DirectX version: 12 Ultimate | Dual Link DVI: No | TV tuner integrated: No | Cooling technology: Sapphire Dual-X | Cooling type: Active | Number of fans: 2 | Number of slots: 2.5 | Product colour: Black | Minimum system power supply: 650 | Supplementary power connectors: 2x 8-pin | Thermal Design Power (TDP): 220 | Linux operating systems supported: Yes | Minimum RAM: 8192 | Windows operating systems supported: Windows 10 x64/Windows 11 x64 | Depth: 51.5 | Height: 120.25 | Length: 280 | Package type: Box | Model: 11349-03-20G | Units per Shipping Box: 10 | Unit Calculated Volume: 0.006888 | Product Net Weight: 0.7 | Unit Calculated Weight: 1.48

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