

Graphics card SAPPHIRE AI PRO R9700 32GB LITE, AMD Radeon, 32GB GDDR6, PCIe 5.0



Modelis: 32358-01-20G

Gamintojas: SAPPHIRE

EAN: 4895106297234

Prekės kodas: 588352

1,823.99€

SAPPHIRE AI PRO R9700 32GB LITE Graphics Card for Professional Workloads

Designed for elite professionals, data scientists, and creators demanding extreme performance, the SAPPHIRE AI PRO R9700 32GB LITE graphics card harnesses the power of the AMD Radeon AI PRO R9700 GPU. Featuring a massive 32 GB of high-speed GDDR6 memory and running on the cutting-edge PCI Express 5.0 interface, this card is engineered to accelerate complex AI training, machine learning computations, advanced rendering, and high-resolution multi-display setups.

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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Unmatched AI and Compute Performance

The AI PRO R9700 LITE is built for computational supremacy, delivering exceptional speeds across various data types. With a peak Single Precision (FP32) performance of 47.8 TFLOPS and an astonishing 95.7 TFLOPS in Half Precision (FP16), rendering and simulation tasks are drastically sped up. Furthermore, the specialized AI accelerators (128 units) ensure superior performance in machine learning workloads, reaching 1531 TOPs (INT4) and 766 TOPs (INT8), making it an indispensable tool for intensive computational research.

Key Technical Specifications:

- **GPU Architecture:** Powered by the AMD Radeon AI PRO R9700 processor family, featuring 4096 stream processors and 64 ray accelerators for advanced graphics capabilities.
- **Memory Capacity:** Huge 32 GB GDDR6 discrete graphics memory operating on a 256-bit memory bus, ideal for handling massive datasets and complex models.
- **Interface & Speed:** Utilizes the high-speed PCI Express 5.0 interface for maximum data throughput between the GPU and the system.
- **Clock Speeds:** Features a powerful maximum processor boost clock speed of 2920 MHz (and 2350 MHz in gaming mode), ensuring stable performance under load.
- **Display Outputs:** Equipped with four DisplayPort 2.1a connections, supporting up to four simultaneous displays and a maximum resolution of 7680 x 4320 pixels.
- **Cooling System:** Efficient active cooling design utilizing a single fan, maintaining optimal temperatures within a compact 266.7 mm length.
- **Power Requirements:** Requires a minimum system power supply of 750 W to ensure reliable operation.

The SAPPHIRE AI PRO R9700 offers professional stability and precision, supporting the most demanding graphical and computational applications while maintaining a relatively small form factor (Depth: 40 mm, Height: 111.1 mm).

SAPPHIRE is renowned globally for producing high-quality components, particularly graphics cards known for their stability, innovative cooling solutions, and powerful performance tailored for both gaming enthusiasts and professional workstation users.

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Graphics processor family: AMD | DisplayPorts quantity: 4 | Processor boost clock speed: 2920 MHz | Discrete graphics card memory: 32 GB | Graphics processor: Radeon AI PRO R9700 | Maximum resolution: 7680 x 4320 pixels | Cooling type: Active | DisplayPort version: 2.1a | Stream processors: 4096 | Number of fans: 1 fan(s) | Graphics card memory type: GDDR6 | Length: 266.7 mm | Memory bus: 256 bit | Height: 111.1 mm | Minimum system power supply: 750 W | Depth: 40 mm | Interface type: PCI Express 5.0 | Maximum displays per videocard: 4 | Render Output Units (ROPs): 128 | Peak Single Precision Matrix (FP32) performance: 47.8 TFLOPS | Compute units: 64 | Peak INT4 performance: 1531 TOPs | AI accelerators: 128 | Peak INT8 Performance: 766 TOPs | Ray accelerators: 64 | Processor boost clock speed (Gaming mode): 2350 MHz | Peak Half Precision (FP16) performance: 95.7 TFLOPS

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