

## Informacije o proizvodu (EN)

PNY nVidia RTX 4000 SFF Ada Generation 20GB GDDR6  
160-bit grafička kartica

PNY®



Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

<https://tehnoteka.rs/p/pny-nvidia-rtx-4000-sff-ada-generation-20gb-gddr6-160-bit-graficka-kartica-akcija-cena/>



# NVIDIA RTX 4000 SFF Ada Generation

Power for endless possibilities.



The NVIDIA RTX™ 4000 SFF Ada Generation packs a powerful punch, delivering full-size performance in a compact form factor. Designed for professionals who demand performance but without the footprint of full-sized workstations to achieve outstanding results across industries. The RTX 4000 SFF provides excellent performance and capabilities essential for design, real-time rendering, AI, and high-performance compute workflows in a small form factor.

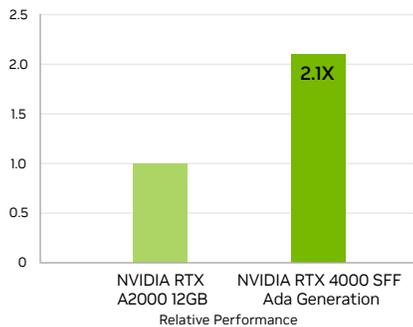
Built on the NVIDIA Ada Lovelace architecture, the RTX 4000 SFF combines 48 third-generation RT Cores, 192 fourth-generation Tensor Cores, and 6,144 CUDA® cores with 20GB of error correction code (ECC) graphics memory. The RTX 4000 SFF delivers incredible acceleration for rendering, AI, graphics, and compute workloads.

NVIDIA RTX professional graphics cards are certified with a broad range of professional applications, tested by leading independent software vendors (ISVs) and workstation manufacturers, and backed by a global team of support specialists. Get the peace of mind to focus on what matters with the premier visual computing solution for mission-critical business.

## Key Features

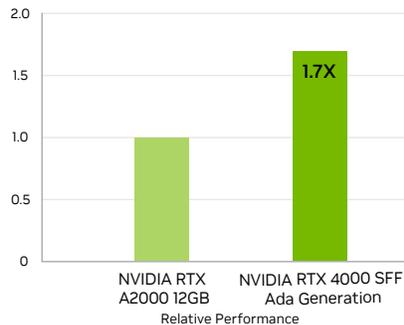
- > Four mini DisplayPort 1.4a
- > AV1 encode and decode support
- > DisplayPort with audio
- > NVIDIA Quadro® Sync II<sup>1</sup> compatibility
- > 3D stereo support with stereo connector
- > NVIDIA GPUDirect® for Video support
- > NVIDIA GPUDirect Remote Direct Memory Access (RDMA) support
- > NVIDIA RTX Experience™
- > NVIDIA RTX Desktop Manager software
- > NVIDIA RTX IO support
- > HDCP 2.2 support
- > NVIDIA Mosaic<sup>2</sup> technology

### Graphics



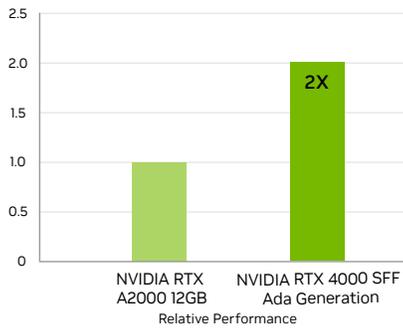
Tests run on an Intel® Core™ i9-12900K Processor @ 3.20GHz (5.20GHz Turbo), 64GB RAM, Windows 11 Enterprise x64, SPECviewperf 2020, NVIDIA Driver 528.35. Relative speedup for 4K energy composite score.

### CAD



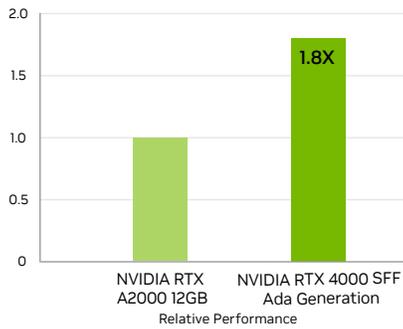
Tests run on an Intel® Core™ i9-12900K Processor @ 3.20GHz (5.20GHz Turbo), 64GB RAM, Windows 11 Enterprise x64, SPECviewperf 2020, CATIA v6, NVIDIA Driver 528.35. Relative speedup for 4K Siemens NX composite score.

## Rendering



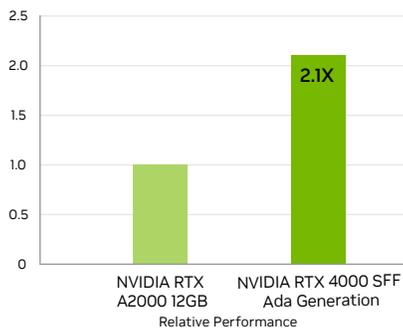
Tests run on an Intel® Core™ i9-12900K Processor @ 3.20GHz (5.20GHz Turbo), 64GB RAM, Windows 11 Enterprise x64, NVIDIA Driver 528.35. Relative speedup of Arnold render test score.

## AI Inference



Tests run on an Intel® Core™ i9-12900K Processor @ 3.20GHz (5.20GHz Turbo), 64GB RAM, Windows 11 Enterprise x64, TensorRT 8.5, NVIDIA Driver 525.85. Relative speedup of ResNet-50 Inference mixed precision test score.

## High-Performance Computing



Tests run on an Intel® Core™ i9-12900K Processor @ 3.20GHz (5.20GHz Turbo), 64GB RAM, Windows 11 Enterprise x64, LAMMPS, NVIDIA Driver 525.85. Relative speedup of Atomic Fluid Lennard-Jones 2.5 FP64 precision test score.

## Specifications

<b>PNY Part Number</b>	Retail: VCNRTX4000ADALP-PB Single Bulk: VCNRTX4000ADALP-SB Bulk: VCNRTX4000ADALP-BLK
<b>GPU memory</b>	20GB GDDR6
<b>Memory interface</b>	160-bit
<b>Memory bandwidth</b>	320 GB/s
<b>Error correcting code</b>	Yes
<b>NVIDIA Ada Lovelace architecture-based CUDA Cores</b>	6,144
<b>NVIDIA fourth-generation Tensor Cores</b>	192
<b>NVIDIA third-generation RT Cores</b>	48
<b>Single-precision performance</b>	19.2 TFLOPS <sup>3</sup>
<b>RT Core performance</b>	44.3 TFLOPS <sup>3</sup>
<b>Tensor performance</b>	306.8 TFLOPS <sup>4</sup>
<b>System interface</b>	PCIe 4.0 x 16
<b>Power consumption</b>	Total board power: 70 W
<b>Thermal solution</b>	Active
<b>Form factor</b>	2.7" H x 6.6" L, dual slot
<b>Display connectors</b>	4x Mini DisplayPort 1.4a
<b>Maximum simultaneous displays</b>	<ul style="list-style-type: none"> <li>&gt; 4x 4096 x 2160 @ 120 Hz</li> <li>&gt; 4x 5120 x 2880 @ 60 Hz</li> <li>&gt; 2x 7680 x 4320 @ 60 Hz</li> </ul>
<b>Encode/decode engines</b>	2x encode, 2x decode (+AV1 encode and decode)
<b>VR ready</b>	Yes
<b>vGPU software support</b>	No
<b>Graphics APIs</b>	DirectX 12, Shader Model 6.6, OpenGL 4.6 <sup>5</sup> , Vulkan 1.3 <sup>5</sup>
<b>Compute APIs</b>	CUDA 11.6, OpenCL 3.0, DirectCompute
<b>NVIDIA NVLink®</b>	No

## Ready to Get Started?

To learn more about the RTX 4000 SFF, visit:

[www.pny.eu/nvidia-rtx-4000-ada-sff](http://www.pny.eu/nvidia-rtx-4000-ada-sff)

1 Quadro Sync II card sold separately. | 2 Windows 10 and Linux. | 3 Peak rates based on GPU Boost Clock. | 4 Effective FP8 teraFLOPS (TFLOPS) using the sparsity feature. | 5 Product is based on a published Khronos specification and is expected to pass the Khronos conformance testing process when available. Current conformance status can be found at [www.khronos.org/conformance](http://www.khronos.org/conformance)

© 2023 NVIDIA Corporation and affiliates. All rights reserved. NVIDIA, the NVIDIA logo, CUDA, NVIDIA GPUDirect, NVIDIA NVLink, NVIDIA Quadro, NVIDIA RTX and NVIDIA RTX Experience are trademarks and/or registered trademarks of NVIDIA Corporation and affiliates in the U.S. and other countries. All other trademarks and copyrights are the property of their respective owners. 2616456. MAR23

PNY



Ovaj dokument je originalno proizveden i objavljen od strane proizvođača, brenda PNY, i preuzet je sa njihove zvanične stranice. S obzirom na ovu činjenicu, Tehnoteka ističe da ne preuzima odgovornost za tačnost, celovitost ili pouzdanost informacija, podataka, mišljenja, saveta ili izjava sadržanih u ovom dokumentu.

Napominjemo da Tehnoteka nema ovlašćenje da izvrši bilo kakve izmene ili dopune na ovom dokumentu, stoga nismo odgovorni za eventualne greške, propuste ili netačnosti koje se mogu naći unutar njega. Tehnoteka ne odgovara za štetu nanесenu korisnicima pri upotrebi netačnih podataka. Ukoliko imate dodatna pitanja o proizvodu, ljubazno vas molimo da kontaktirate direktno proizvođača kako biste dobili sve detaljne informacije.

Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

<https://tehnoteka.rs/p/pny-nvidia-rtx-4000-sff-ada-generation-20gb-gddr6-160-bit-graficka-kartica-akcija-cena/>