HP NVIDIA RTX PH x4xxx 4DP Graphics

Gamintojas: **HP INC.** · Modelis: **B11F3AA** · EAN: **198828194282** · Prekės kodas: **966615**



2 854,90 €

Kaina su PVM

Be PVM: **2 359,42 €**

Sandėlyje

Prekė internetu
Nuskenuokite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ NVIDIA RTX PRO 4000 24 GB GDDR7
- ✓ 7680 x 4320 pikseliai 192 bitai PCI Express x16 5.0
- ✓ „DisplayPort“ kiekis: 4
- ✓ „DirectX“ versija: 12.0 OpenGL versija: 4.6
- ✓ 1x 16-pin

Aprašymas

The Ultimate Single-Slot GPU for AI, Neural Rendering, and Precision Workflows

Experience the power of the most advanced single-slot GPU for professionals. Powered by NVIDIA Blackwell architecture, NVIDIA RTX PRO™ 4000 Blackwell delivers breakthrough AI performance, neural graphics, and unmatched efficiency to unlock new experiences and accelerate demanding workflows. Equipped with 24GB of ultra-fast memory, fifth-generation Tensor Cores, and fourth-generation RT Cores, work with large datasets, accelerate generative AI workflows, and render photorealistic scenes at blazing speeds.

Features
Powered by NVIDIA Blackwell Architecture
5th Gen Tensor Cores
Fifth-generation Tensor Cores deliver up to 3X the performance of the previous generation and add support for FP4 precision and DLSS 4 Multi Frame Generation technology. Accelerate local LLMs, prototype new AI models, and drive enhanced content creation and graphics.

4th Gen RT Cores

Fourth-generation RT Cores deliver up to 2X the performance of the previous generation, accelerating rendering for M&E content creation, AECO design, and manufacturing prototyping. Create photoreal, physically accurate scenes and immersive 3D designs with neural graphics-based technologies, such as RTX Mega Geometry, enabling up to 100X more ray-traced triangles.

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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CUDA Cores

NVIDIA Blackwell is the most powerful professional RTX GPU ever created with the latest SM and CUDA® core technology. The SM features increased processing throughput, and new neural shaders that integrate neural networks inside of programmable shaders to drive the next decade of AI-augmented graphics innovations.

24GB of GPU Memory

New and improved GDDR7 memory significantly boosts bandwidth and capacity, empowering your applications to run faster, and work with larger, more complex datasets. With 24GB of GPU memory, tackle large 3D and AI projects, explore immersive VR environments, and drive multi-app workflows.

9th-Gen NVENC

Ninth-generation NVIDIA NVENC engines significantly accelerate video encoding speed, and improve quality for professional video applications. They add support for 4:2:2 H.264 and HEVC encoding, and improve HEVC and AV1 encoding quality.

6th Gen NVDEC

Sixth-generation NVIDIA NVDEC engines provide up to double H.264 decoding throughput and offer support for 4:2:2 H.264 and HEVC decode. Professionals can benefit from high-quality video playback, accelerate video data ingestion, and use advanced AI-powered video editing features.

PCIe Gen 5

Support for PCI Express Gen 5 provides double the bandwidth of PCIe Gen 4, improving data-transfer speeds from CPU memory and unlocking faster performance for data-intensive tasks like AI, data science, and 3D modeling.

DisplayPort 2.1

With DisplayPort 2.1, professionals can achieve unparalleled visual clarity and performance, driving high-resolution displays at up to 8K at 240Hz and 16K at 60Hz. Increased bandwidth enables seamless multi-monitor setups, ideal for multitasking and collaboration, while HDR and higher color depth support ensures superior color accuracy for precision work, such as video editing, 3D design, and live broadcasting.

Workloads
Multi-Workload Acceleration
Generative AI
Create new and original content.
Unlock unprecedented creativity and productivity with generative AI. The RTX PRO 4000 accelerates content creation, empowering you to generate stunning, high-fidelity images, videos, and 3D assets at unprecedented speeds. Experience accelerated inference performance in generative AI applications to bring your most ambitious ideas to life in record time, changing the boundaries of entertainment, design, and innovation across industries.

AI-Driven Rendering and Graphics
Deliver stunningly realistic designs and simulations with speed and precision.
The RTX PRO 4000 transforms creative workflows with next-gen RTX capabilities, fusing AI with cutting-edge ray tracing for neural graphics. RTX Neural Shaders automate complex lighting and textures, while DLSS 4 enables real-time photorealistic rendering through AI-powered upscaling. These advancements accelerate 3D modeling, animation, and virtual production across film, gaming, and architectural visualization.

Video Content and Streaming
Boost performance for live media and video pipelines.
The RTX PRO 4000 boosts performance for live media and video production pipelines. With 4:2:2 support and advanced encoding/decoding engines, it ensures pristine color accuracy and accelerated processing of high-resolution content. With improved AV1 and H.265 codec support, it’s ideal for livestreaming, real-time editing, and live media workflows.

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Digital Content Creation

Accelerate content creation with real-time rendering and interactivity in 3D applications

Unlock your creative potential and bring your inspiring visions to life with RTX PRO 4000. Experience accelerated performance, real-time rendering, and AI-powered tools for higher fidelity visual quality and seamless workflow efficiency.

Data Science

Accelerate your data pipelines.

RTX PRO 4000 gives you the performance you need to quickly transform massive datasets into insights with 24GB of ultra-fast G7 memory. RTX PRO 4000 combined with NVIDIA AI delivers a complete AI platform from desktop workstations.

Techninė specifikacija

Processor	
Graphics processor family	NVIDIA
Graphics processor	RTX PRO 4000
Maximum resolution	7680 x 4320 pixels
CUDA	Yes
Parallel processing technology support	Not supported
CUDA cores	8960
Maximum displays per videocard	4
Memory	
Discrete graphics card memory	24 GB
Graphics card memory type	GDDR7
Memory bus	192 bit
Memory bandwidth (max)	672 GB/s
Ports & interfaces	
Interface type	PCI Express x16 5.0
HDMI ports quantity	0
DVI-D ports quantity	0
DVI-I ports quantity	0
DisplayPorts quantity	4
VGA (D-Sub) ports quantity	0
DisplayPort version	2.1b
USB Type-C ports quantity	0
Performance	
TV tuner integrated	No
DirectX version	12
Shader model version	6.6

OpenGL version	4.6
Dual Link DVI	No
OpenCL version	3
NPU performance up to	1178 TOPs
Design	
Cooling type	Active
Number of fans	1 fan(s)
Form factor	Full-Height/Full-Length (FH/FL)
Bracket height	Full-Height (FH)
Number of slots	1
Illumination	No
Product colour	Black
Power	
Supplementary power connectors	1x 16-pin
Thermal Design Power (TDP)	145 W
Weight & dimensions	
Length	241.3 mm
Height	111.8 mm
Technical details	
General Product Safety Regulation (GPSR) URL	https://support.hp.com/us-en/document/ish_6126692-6126777-16?openCLC=true
Logistics data	
Country of origin	Vietnam
Other features	
UNSPSC-code	43201401
Matmenys ir svoris	
Matmenys (I × P × A)	45,00cm × 20,00cm × 20,00cm

Gamintojo ir saugos informacija

GAMINTOJAS

HP Inc
Page Mill Road 1501, CA 94304 Palo Alto, California, US
hp.com

ATSAKINGAS ASMUO ES

HP Printing and Computing Solutions S.L.U.
Calle Jose Echegaray 18, 28232 Las Rozas (Madrid), ES
hp.com

PLATINTOJAS

MB KOMPIUTERIŲ GURU
V. Nagevičiaus g. 3, LT-08237 Vilnius
info@shopro.lt

Saugos dokumentai

› Gamintojo saugos informacija

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