

PERFORMANCE FOR ENDLESS POSSIBILITIES

NVIDIA RTX™ 4000 SFF Ada Generation

PNY®

NVIDIA®



Powering the Next Era of Innovation

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 II¹ 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 Mosaic² technology

PNY® POWER
LIMITED



PNY Power Limited

OPTIMIZED POWER, MAXIMUM EFFICIENCY

The NVIDIA RTX™ A4000 SFF Power Limited by PNY is preset to a power limit of 50 Watts, while the standard version has a power limit set at 70 Watts.

Whether you're worried about your carbon footprint, looking to take control of your total cost of ownership, or just need to reduce the Total Power Draw of your system, PNY's Power Limited GPU's are an excellent option.

NVIDIA RTX™ 4000 SFF

Ada Generation



PNY Part Numbers			
Part Number	EAN Code	MOQ*	Box Content (per card)
VCNRTX4000ADALP-PL	3536403400958	5	1x LP Bracket
VCNRTX4000ADALP-PLK	3536403600965	25	1x LP Bracket

SPECIFICATIONS	
GPU memory	20GB GDDR6
Memory interface	160-bit
Memory bandwidth	320 GB/s
Error correcting code	Yes
NVIDIA Ada Lovelace architecture-based CUDA Cores	6 144
NVIDIA fourth-generation Tensor Cores	192
NVIDIA third-generation RT Cores	48
Single-precision performance	19,2 TFLOPS ³
RT Core performance	44,3 TFLOPS ³
Tensor performance	306,8 TFLOPS ⁴
System interface	PCIe 4,0 x 16
Power consumption	70W - limited to 50W
Thermal solution	Active
Form factor	2,7" H x 6,6" L, dual slot
Display connectors	4x Mini DisplayPort 1,4a
Maximum simultaneous displays	- 4x 4096 x 2160 @ 120 Hz
	- 4x 5120 x 2880 @ 60 Hz
	- 4x 7680 x 4320 @ 60 Hz
Encode/decode engines	2x encode, 2x decode (+AV1 encode and decode)
VR ready	Yes
vGPU software support	No
Graphics APIs	DirectX 12, Shader Model 6.6, OpenGL 4.6 ⁵ , Vulkan 1.3 ⁵
Compute APIs	CUDA 11.6, OpenCL 3.0, DirectCompute
NVIDIA NVLink®	No

Want to learn more about **PNY Power Limited Cards?**

Visit pny.com/en-eu/professional/power-limited-gpus

FOR MORE INFORMATION:

Contact your **PNY representative** or email PNYPRO@PNY.EU

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*MOQ - Multiple Order Quantity

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

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