PNY NVIDIA RTX A6000 48GB GDDR6 ECC 384-bit, PCI-E 4.0 x16, FH, NVlink Support, HDCP 2.2, HDMI 2.0 with optional adapter

Kod producenta: VCNRTXA6000-PB

Architecture	Ampere
Process size	8nm
CUDA Cores	10752
Tensor Cores	336
RT Cores	84
FP32 Performance	38.7 TFLOPS
RT Core Performance	75.6 TFLOPS
Tensor Core Performance	309.7 TFLOPS
GPU Memory	48 GB
GPU Memory Type	GDDR6 ECC
Memory Bandwidth	768 GB/sec
Memory Interface	384-bit
System Interface	PCI-E 4.0 x16
Display Connectors	4x DisplayPort 1.4a
Max Digital Resolution	7680 x 4320 x36 bpp at 60 Hz
NVENC | NVDEC	1x | 2x (+ AV1 decode)
Max Power Consumption	300 W
Power Connector	1x 8-pin CPU
Thermal Management	Active Fansink
NVIDIA 3D Vision and 3D Vision Pro	Support via 3-pin mini DIN
Frame Lock	Compatible with NVIDIA Quadro Sync II
NVLink	2-way low profile (2-slot and 3-slot bridges) connects 2x NVIDIA RTX A6000
NVLink Interconnect	112.5 GB/sec bidirectional

NVIDIA RTX A6000

Performance Amplified

The world of professional visualization is evolving rapidly. Advanced requirements like real-time ray tracing, AI, compute, engineering simulation, and immersive VR are common across industries, while millions of professionals have shifted to working from home.

The NVIDIA RTX A6000 delivers everything designers, engineers, and artists need to meet today's

demands from their desktop. Built on the NVIDIA Ampere architecture, the RTX A6000 combines 84 second-generation RT Cores, 336 third-generation Tensor Cores, and 10,752 CUDA cores with 48 GB of graphics memory for unprecedented rendering, AI, graphics, and compute performance. Connect two RTX A6000s with [NVIDIA NVLink™](#) for 96 GB of combined GPU memory. And access the power of your workstation from anywhere with remote-access software. Engineer amazing products, design state-of-the art buildings, drive scientific breakthroughs, and create immersive entertainment with the world's most powerful graphics solution.

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