

NVIDIA RTX PRO 5500 Blackwell Workstation Edition

PNY



The NVIDIA RTX PRO™ 5500 Blackwell Workstation Edition accelerates agentic AI, physical simulation, and graphics workloads to teams that need workstation power at scale. Built on the NVIDIA Blackwell architecture and equipped with 84 GB of ultra-fast GDDR7 memory.

BUILT FOR RACK-MOUNTED WORKSTATIONS

PNY Part Number	VCNRTXPRO5500-SB
GPU Architecture	NVIDIA Blackwell
Tensor Cores	5th Generation
Ray Tracing Cores	4th Generation
NVIDIA Encoder (NVENC)	3× 9th Generation
NVIDIA Decoder (NVDEC)	3× 6th Generation
GPU Memory	84 GB GDDR7 with ECC
Memory Bandwidth	1,398 GB/sec
Display Ports	Up to 4× DisplayPort 2.1b
Max Power Consumption	Up to 600 W
Graphics Bus	PCIe Gen 5 ×16
Thermal	Active, air-cooled

Preliminary product specifications, subject to change.

FOR MORE INFORMATION: Contact your [PNY representative](#) or email PNYPRO@PNY.EU

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