



NVIDIA RTX PRO 5500 Blackwell Workstation Edition vs NVIDIA RTX PRO 5000 Blackwell 72GB

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA RTX PRO 5500 Blackwell Workstation Edition	NVIDIA RTX PRO 5000 Blackwell 72GB
FP32 TFLOPS	—	65.0
Memory	84 GB	72 GB
Memory Bandwidth	1.4 TB/s	1.3 TB/s
TDP	600 W	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 5500 Blackwell Workstation Edition peak TFLOPS (dense)	NVIDIA RTX PRO 5000 Blackwell 72GB peak TFLOPS (dense)
FP64	—	—
FP32	—	65.0
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	1032.0
INT8	—	—

SPECIFICATIONS

	NVIDIA RTX PRO 5500 Blackwell Workstation Edition	NVIDIA RTX PRO 5000 Blackwell 72GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2026	2025

NVIDIA RTX PRO 5500 Blackwell Workstation Edition		NVIDIA RTX PRO 5000 Blackwell 72GB	
Form Factor	PCIe		PCIe
Memory Type	GDDR7		GDDR7
Interface Width	416-bit		512-bit
Interconnect	—		—
TDP	600 W		300 W
FP32 Efficiency	—		0.22 TFLOPS/W