



NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition vs NVIDIA RTX PRO 6000 Blackwell Server Edition

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

OVERVIEW

	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition	NVIDIA RTX PRO 6000 Blackwell Server Edition
FP32 TFLOPS	109.7	120.0
VRAM	96 GB	96 GB
Memory Bandwidth	1.8 TB/s	1.6 TB/s
TDP	300 W	600 W

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition peak TFLOPS (dense)	NVIDIA RTX PRO 6000 Blackwell Server Edition peak TFLOPS (dense)
FP64	1.7	—
FP32	109.7	120.0
TF32	219.5	234.0
BF16	438.9	—
FP16	438.9	—
FP8	877.9	—
FP6	—	—
FP4	1755.7	—
INT8	877.9	—

SPECIFICATIONS

	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition	NVIDIA RTX PRO 6000 Blackwell Server Edition
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2025

	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition	NVIDIA RTX PRO 6000 Blackwell Server Edition
Form Factor	PCIe	PCIe
Memory Type	GDDR7	GDDR7
Interface Width	512-bit	512-bit
Interconnect	—	—
TDP	300 W	600 W
FP32 Efficiency	0.37 TFLOPS/W	0.20 TFLOPS/W