

NVIDIA RTX PRO 2000 Blackwell 16GB vs NVIDIA RTX PRO 6000 Blackwell Workstation Edition

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

OVERVIEW

	NVIDIA RTX PRO 2000 Blackwell 16GB	NVIDIA RTX PRO 6000 Blackwell Workstation Edition
FP32 TFLOPS	17.0	126.0
VRAM	16 GB	96 GB
Memory Bandwidth	288 GB/s	1.8 TB/s
TDP	70 W	600 W

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 2000 Blackwell 16GB peak TFLOPS (dense)	NVIDIA RTX PRO 6000 Blackwell Workstation Edition peak TFLOPS (dense)
FP64	—	2.0
FP32	17.0	126.0
TF32	—	251.9
BF16	—	503.8
FP16	—	503.8
FP8	—	1007.6
FP6	—	—
FP4	272.5	2015.2
INT8	—	1007.6

SPECIFICATIONS

	NVIDIA RTX PRO 2000 Blackwell 16GB	NVIDIA RTX PRO 6000 Blackwell Workstation Edition
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2025

	NVIDIA RTX PRO 2000 Blackwell 16GB	NVIDIA RTX PRO 6000 Blackwell Workstation Edition
Form Factor	PCIe	PCIe
Memory Type	GDDR7	GDDR7
Interface Width	128-bit	512-bit
Interconnect	—	—
TDP	70 W	600 W
FP32 Efficiency	0.24 TFLOPS/W	0.21 TFLOPS/W