

NVIDIA RTX PRO 4000 Blackwell SFF 24GB vs NVIDIA RTX PRO 6000 Blackwell Server Edition

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

OVERVIEW

	NVIDIA RTX PRO 4000 Blackwell SFF 24GB	NVIDIA RTX PRO 6000 Blackwell Server Edition
FP32 TFLOPS	24.0	120.0
VRAM	24 GB	96 GB
Memory Bandwidth	432 GB/s	1.6 TB/s
TDP	70 W	600 W

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 4000 Blackwell SFF 24GB peak TFLOPS (dense)	NVIDIA RTX PRO 6000 Blackwell Server Edition peak TFLOPS (dense)
FP64	—	—
FP32	24.0	120.0
TF32	—	234.0
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	385.0	—
INT8	—	—

SPECIFICATIONS

	NVIDIA RTX PRO 4000 Blackwell SFF 24GB	NVIDIA RTX PRO 6000 Blackwell Server Edition
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2025

NVIDIA RTX PRO 4000 Blackwell SFF 24GB		NVIDIA RTX PRO 6000 Blackwell Server Edition	
Form Factor	PCIe		PCIe
Memory Type	GDDR7		GDDR7
Interface Width	192-bit		512-bit
Interconnect	—		—
TDP	70 W		600 W
FP32 Efficiency	0.34 TFLOPS/W		0.20 TFLOPS/W