

NVIDIA B200 SXM 180GB vs NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition

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

OVERVIEW

	NVIDIA B200 SXM 180GB	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition
FP32 TFLOPS	75.0	109.7
VRAM	180 GB	96 GB
Memory Bandwidth	7.7 TB/s	1.8 TB/s
TDP	1.0 kW	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA B200 SXM 180GB peak TFLOPS (dense)	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition peak TFLOPS (dense)
FP64	37.0	1.7
FP32	75.0	109.7
TF32	1125.0	219.5
BF16	2250.0	438.9
FP16	2250.0	438.9
FP8	4500.0	877.9
FP6	4500.0	—
FP4	9000.0	1755.7
INT8	4500.0	877.9

SPECIFICATIONS

	NVIDIA B200 SXM 180GB	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2024	2025
Form Factor	SXM	PCIe

	NVIDIA B200 SXM 180GB	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition
Memory Type	—	GDDR7
Interface Width	—	512-bit
Interconnect	—	—
TDP	1.0 kW	300 W
FP32 Efficiency	0.07 TFLOPS/W	0.37 TFLOPS/W