



NVIDIA GB200 Grace Blackwell Superchip 372GB vs NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition

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

OVERVIEW

	NVIDIA GB200 Grace Blackwell Superchip 372GB	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition
FP32 TFLOPS	160.0	109.7
VRAM	372 GB	96 GB
Memory Bandwidth	16.0 TB/s	1.8 TB/s
TDP	—	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GB200 Grace Blackwell Superchip 372GB peak TFLOPS (dense)	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition peak TFLOPS (dense)
FP64	80.0	1.7
FP32	160.0	109.7
TF32	2500.0	219.5
BF16	5000.0	438.9
FP16	5000.0	438.9
FP8	10000.0	877.9
FP6	10000.0	—
FP4	20000.0	1755.7
INT8	10000.0	877.9

SPECIFICATIONS

	NVIDIA GB200 Grace Blackwell Superchip 372GB	NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2024	2025

NVIDIA GB200 Grace Blackwell Superchip 372GB		NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition	
Form Factor	Superchip		PCIe
Memory Type	HBM3e		GDDR7
Interface Width	—		512-bit
Interconnect	NVLink-C2C		—
TDP	—		300 W
FP32 Efficiency	—		0.37 TFLOPS/W