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

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

OVERVIEW

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

PERFORMANCE BY PRECISION

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

SPECIFICATIONS

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

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