

NVIDIA RTX PRO 6000 Blackwell 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 Workstation Edition	NVIDIA GB200 Grace Blackwell Superchip 372GB
FP32 TFLOPS	126.0	160.0
VRAM	96 GB	372 GB
Memory Bandwidth	1.8 TB/s	16.0 TB/s
TDP	600 W	—

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 6000 Blackwell Workstation Edition peak TFLOPS (dense)	NVIDIA GB200 Grace Blackwell Superchip 372GB peak TFLOPS (dense)
INT8	—	10000.0
FP8	—	10000.0
FP4	—	20000.0
FP16	—	5000.0
BF16	—	5000.0
TF32	—	2500.0
FP32	126.0	160.0
FP64	—	80.0
FP6	—	10000.0

SPECIFICATIONS

	NVIDIA RTX PRO 6000 Blackwell Workstation Edition	NVIDIA GB200 Grace Blackwell Superchip 372GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm

NVIDIA RTX PRO 6000 Blackwell Workstation Edition		NVIDIA GB200 Grace Blackwell Superchip 372GB
Launch Year	2025	2024
Form Factor	PCIe	Superchip
Memory Type	GDDR7	HBM3e
Interface Width	512-bit	—
Interconnect	—	NVLink-C2C
TDP	600 W	—
FP32 Efficiency	0.21 TFLOPS/W	—