



NVIDIA RTX PRO 6000 Blackwell Server 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 Server Edition	NVIDIA GB200 Grace Blackwell Superchip 372GB
FP32 TFLOPS	120.0	160.0
VRAM	96 GB	372 GB
Memory Bandwidth	1.6 TB/s	16.0 TB/s
TDP	600 W	—

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 6000 Blackwell Server Edition peak TFLOPS (dense)	NVIDIA GB200 Grace Blackwell Superchip 372GB peak TFLOPS (dense)
FP64	—	80.0
FP32	120.0	160.0
TF32	234.0	2500.0
BF16	—	5000.0
FP16	—	5000.0
FP8	—	10000.0
FP6	—	10000.0
FP4	—	20000.0
INT8	—	10000.0

SPECIFICATIONS

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

NVIDIA RTX PRO 6000 Blackwell Server Edition		NVIDIA GB200 Grace Blackwell Superchip 372GB
Form Factor	PCIe	Superchip
Memory Type	GDDR7	HBM3e
Interface Width	512-bit	—
Interconnect	—	NVLink-C2C
TDP	600 W	—
FP32 Efficiency	0.20 TFLOPS/W	—