

NVIDIA RTX PRO 4500 Blackwell 32GB vs NVIDIA GB200 Grace Blackwell Superchip 372GB

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

OVERVIEW

	NVIDIA RTX PRO 4500 Blackwell 32GB	NVIDIA GB200 Grace Blackwell Superchip 372GB
FP32 TFLOPS	51.0	160.0
VRAM	32 GB	372 GB
Memory Bandwidth	896 GB/s	16.0 TB/s
TDP	200 W	—

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 4500 Blackwell 32GB peak TFLOPS (dense)	NVIDIA GB200 Grace Blackwell Superchip 372GB peak TFLOPS (dense)
FP64	—	80.0
FP32	51.0	160.0
TF32	—	2500.0
BF16	—	5000.0
FP16	—	5000.0
FP8	—	10000.0
FP6	—	10000.0
FP4	808.5	20000.0
INT8	—	10000.0

SPECIFICATIONS

	NVIDIA RTX PRO 4500 Blackwell 32GB	NVIDIA GB200 Grace Blackwell Superchip 372GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2024

	NVIDIA RTX PRO 4500 Blackwell 32GB	NVIDIA GB200 Grace Blackwell Superchip 372GB
Form Factor	PCIe	Superchip
Memory Type	GDDR7	HBM3e
Interface Width	256-bit	—
Interconnect	—	NVLink-C2C
TDP	200 W	—
FP32 Efficiency	0.26 TFLOPS/W	—