

NVIDIA RTX PRO 4500 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 4500 Blackwell Server Edition	NVIDIA GB200 Grace Blackwell Superchip 372GB
FP32 TFLOPS	51.0	160.0
Memory	32 GB	372 GB
Memory Bandwidth	800 GB/s	16.0 TB/s
TDP	165 W	—

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 4500 Blackwell Server Edition peak TFLOPS (dense)	NVIDIA GB200 Grace Blackwell Superchip 372GB peak TFLOPS (dense)
FP64	—	80.0
FP32	51.0	160.0
TF32	101.5	2500.0
BF16	203.0	5000.0
FP16	203.0	5000.0
FP8	405.5	10000.0
FP6	—	10000.0
FP4	800.0	20000.0
INT8	—	10000.0

SPECIFICATIONS

	NVIDIA RTX PRO 4500 Blackwell Server Edition	NVIDIA GB200 Grace Blackwell Superchip 372GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2026	2024

NVIDIA RTX PRO 4500 Blackwell Server Edition		NVIDIA GB200 Grace Blackwell Superchip 372GB
Form Factor	PCIe	Superchip
Memory Type	GDDR7	HBM3e
Interface Width	256-bit	—
Interconnect	—	NVLink-C2C
TDP	165 W	—
FP32 Efficiency	0.31 TFLOPS/W	—