

NVIDIA RTX PRO 4000 Blackwell 24GB vs NVIDIA GB200 Grace Blackwell Superchip 372GB

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

OVERVIEW

	NVIDIA RTX PRO 4000 Blackwell 24GB	NVIDIA GB200 Grace Blackwell Superchip 372GB
FP32 TFLOPS	37.0	160.0
VRAM	24 GB	372 GB
Memory Bandwidth	672 GB/s	16.0 TB/s
TDP	145 W	—

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 4000 Blackwell 24GB peak TFLOPS (dense)	NVIDIA GB200 Grace Blackwell Superchip 372GB peak TFLOPS (dense)
FP64	—	80.0
FP32	37.0	160.0
TF32	—	2500.0
BF16	—	5000.0
FP16	—	5000.0
FP8	—	10000.0
FP6	—	10000.0
FP4	589.0	20000.0
INT8	—	10000.0

SPECIFICATIONS

	NVIDIA RTX PRO 4000 Blackwell 24GB	NVIDIA GB200 Grace Blackwell Superchip 372GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2024

	NVIDIA RTX PRO 4000 Blackwell 24GB	NVIDIA GB200 Grace Blackwell Superchip 372GB
Form Factor	PCIe	Superchip
Memory Type	GDDR7	HBM3e
Interface Width	192-bit	—
Interconnect	—	NVLink-C2C
TDP	145 W	—
FP32 Efficiency	0.26 TFLOPS/W	—