

NVIDIA RTX PRO 5500 Blackwell Workstation Edition vs NVIDIA GB200 NVL72 GPU 186GB

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

OVERVIEW

	NVIDIA RTX PRO 5500 Blackwell Workstation Edition	NVIDIA GB200 NVL72 GPU 186GB
FP32 TFLOPS	—	80.0
Memory	84 GB	186 GB
Memory Bandwidth	1.4 TB/s	8.0 TB/s
TDP	600 W	—

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX PRO 5500 Blackwell Workstation Edition peak TFLOPS (dense)	NVIDIA GB200 NVL72 GPU 186GB peak TFLOPS (dense)
FP64	—	40.0
FP32	—	80.0
TF32	—	1250.0
BF16	—	2500.0
FP16	—	2500.0
FP8	—	5000.0
FP6	—	5000.0
FP4	—	10000.0
INT8	—	5000.0

SPECIFICATIONS

	NVIDIA RTX PRO 5500 Blackwell Workstation Edition	NVIDIA GB200 NVL72 GPU 186GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2026	2024
Form Factor	PCIe	SXM

NVIDIA RTX PRO 5500 Blackwell Workstation Edition		NVIDIA GB200 NVL72 GPU 186GB
Memory Type	GDDR7	HBM3e
Interface Width	416-bit	—
Interconnect	—	NVLink
TDP	600 W	—
FP32 Efficiency	—	—