



NVIDIA GB300 NVL72 GPU 288GB vs NVIDIA B30A

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

OVERVIEW

	NVIDIA GB300 NVL72 GPU 288GB	NVIDIA B30A
FP32 TFLOPS	83.3	—
VRAM	288 GB	—
Memory Bandwidth	8.0 TB/s	—
TDP	—	—

PERFORMANCE BY PRECISION

Precision	NVIDIA GB300 NVL72 GPU 288GB peak TFLOPS (dense)	NVIDIA B30A peak TFLOPS (dense)
FP64	1.4	—
FP32	83.3	—
TF32	1250.0	—
BF16	2500.0	—
FP16	2500.0	—
FP8	5000.0	—
FP6	5000.0	—
FP4	15000.0	—
INT8	165.0	—

SPECIFICATIONS

	NVIDIA GB300 NVL72 GPU 288GB	NVIDIA B30A
Architecture	Blackwell Ultra	Blackwell Ultra
Process Node	4nm	—
Launch Year	2025	2025
Form Factor	SXM	—
Memory Type	HBM3e	—
Interface Width	—	—
Interconnect	NVLink	NVLink

	NVIDIA GB300 NVL72 GPU 288GB	NVIDIA B30A
TDP	—	—
FP32 Efficiency	—	—