

NVIDIA GB200 NVL72 GPU 186GB vs NVIDIA GB300 NVL72 GPU 288GB

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

OVERVIEW

	NVIDIA GB200 NVL72 GPU 186GB	NVIDIA GB300 NVL72 GPU 288GB
FP32 TFLOPS	80.0	83.3
Memory	186 GB	288 GB
Memory Bandwidth	8.0 TB/s	8.0 TB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	NVIDIA GB200 NVL72 GPU 186GB peak TFLOPS (dense)	NVIDIA GB300 NVL72 GPU 288GB peak TFLOPS (dense)
FP64	40.0	1.4
FP32	80.0	83.3
TF32	1250.0	1250.0
BF16	2500.0	2500.0
FP16	2500.0	2500.0
FP8	5000.0	5000.0
FP6	5000.0	5000.0
FP4	10000.0	15000.0
INT8	5000.0	165.0

SPECIFICATIONS

	NVIDIA GB200 NVL72 GPU 186GB	NVIDIA GB300 NVL72 GPU 288GB
Architecture	Blackwell	Blackwell Ultra
Process Node	4nm	4nm
Launch Year	2024	2025
Form Factor	SXM	SXM
Memory Type	HBM3e	HBM3e

	NVIDIA GB200 NVL72 GPU 186GB	NVIDIA GB300 NVL72 GPU 288GB
Interface Width	—	—
Interconnect	NVLink	NVLink
TDP	—	—
FP32 Efficiency	—	—