NVIDIA B300 SXM 262GB vs NVIDIA GB200 NVL72 GPU 186GB

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

OVERVIEW

	NVIDIA B300 SXM 262GB	NVIDIA GB200 NVL72 GPU 186GB
FP32 TFLOPS	**75.0**	**80.0**
Memory	**263 GB**	**186 GB**
Memory Bandwidth	**8.0 TB/s**	**8.0 TB/s**
TDP	**1.4 kW**	**—**

PERFORMANCE BY PRECISION

Precision	NVIDIA B300 SXM 262GB peak TFLOPS (dense)	NVIDIA GB200 NVL72 GPU 186GB peak TFLOPS (dense)
FP64	1.3	40.0
FP32	75.0	80.0
TF32	1125.0	1250.0
BF16	2250.0	2500.0
FP16	2250.0	2500.0
FP8	4500.0	5000.0
FP6	4500.0	5000.0
FP4	13500.0	10000.0
INT8	187.5	5000.0

SPECIFICATIONS

	NVIDIA B300 SXM 262GB	NVIDIA GB200 NVL72 GPU 186GB
Architecture	Blackwell Ultra	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2024
Form Factor	SXM	SXM
Memory Type	HBM3e	HBM3e
Interface Width	—	—
Interconnect	—	NVLink

	NVIDIA B300 SXM 262GB	NVIDIA GB200 NVL72 GPU 186GB
TDP	1.4 kW	–
FP32 Efficiency	0.05 TFLOPS/W	–