

NVIDIA GB200 NVL72 GPU 186GB vs NVIDIA B100 SXM 192GB

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

OVERVIEW

	NVIDIA GB200 NVL72 GPU 186GB	NVIDIA B100 SXM 192GB
FP32 TFLOPS	80.0	60.0
VRAM	186 GB	192 GB
Memory Bandwidth	8.0 TB/s	8.0 TB/s
TDP	—	700 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GB200 NVL72 GPU 186GB peak TFLOPS (dense)	NVIDIA B100 SXM 192GB peak TFLOPS (dense)
FP64	40.0	30.0
FP32	80.0	60.0
TF32	1250.0	875.0
BF16	2500.0	1750.0
FP16	2500.0	1750.0
FP8	5000.0	3500.0
FP6	5000.0	—
FP4	10000.0	7000.0
INT8	5000.0	3500.0

SPECIFICATIONS

	NVIDIA GB200 NVL72 GPU 186GB	NVIDIA B100 SXM 192GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2024	2024
Form Factor	SXM	SXM
Memory Type	HBM3e	—
Interface Width	—	—
Interconnect	NVLink	—

	NVIDIA GB200 NVL72 GPU 186GB	NVIDIA B100 SXM 192GB
TDP	—	700 W
FP32 Efficiency	—	0.09 TFLOPS/W