NVIDIA GB10 Grace Blackwell vs NVIDIA B100 SXM 192GB

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

OVERVIEW

	NVIDIA GB10 Grace Blackwell	NVIDIA B100 SXM 192GB
FP32 TFLOPS	**31.0**	**60.0**
VRAM	**128 GB**	**192 GB**
Memory Bandwidth	**273 GB/s**	**8.0 TB/s**
TDP	**180 W**	**700 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA GB10 Grace Blackwell peak TFLOPS (dense)	NVIDIA B100 SXM 192GB peak TFLOPS (dense)
INT8	–	3500.0
FP8	–	3500.0
FP4	500.0	7000.0
FP16	–	1750.0
BF16	–	1750.0
TF32	–	875.0
FP32	31.0	60.0
FP64	–	30.0

SPECIFICATIONS

	NVIDIA GB10 Grace Blackwell	NVIDIA B100 SXM 192GB
Architecture	Blackwell	Blackwell
Process Node	–	4nm
Launch Year	2025	2024
Form Factor	Integrated	SXM
Memory Type	LPDDR5X	–
Interface Width	–	–

	NVIDIA GB10 Grace Blackwell	NVIDIA B100 SXM 192GB
Interconnect	–	–
TDP	180 W	700 W
FP32 Efficiency	0.17 TFLOPS/W	0.09 TFLOPS/W