NVIDIA GB10 Grace Blackwell vs NVIDIA B200 SXM 180GB

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

OVERVIEW

	NVIDIA GB10 Grace Blackwell	NVIDIA B200 SXM 180GB
FP32 TFLOPS	**31.0**	**75.0**
VRAM	**128 GB**	**180 GB**
Memory Bandwidth	**273 GB/s**	**7.7 TB/s**
TDP	**180 W**	**1.0 kW**

PERFORMANCE BY PRECISION

Precision	NVIDIA GB10 Grace Blackwell peak TFLOPS (dense)	NVIDIA B200 SXM 180GB peak TFLOPS (dense)
INT8	–	4500.0
FP8	–	4500.0
FP4	500.0	9000.0
FP16	–	2250.0
BF16	–	2250.0
TF32	–	1125.0
FP32	31.0	75.0
FP64	–	37.0
FP6	–	4500.0

SPECIFICATIONS

	NVIDIA GB10 Grace Blackwell	NVIDIA B200 SXM 180GB
Architecture	Blackwell	Blackwell
Process Node	–	4nm
Launch Year	2025	2025
Form Factor	Integrated	SXM
Memory Type	LPDDR5X	–

	NVIDIA GB10 Grace Blackwell	NVIDIA B200 SXM 180GB
Interface Width	–	–
Interconnect	–	–
TDP	180 W	1.0 kW
FP32 Efficiency	0.17 TFLOPS/W	0.07 TFLOPS/W