



NVIDIA DGX Spark vs NVIDIA GB10 Grace Blackwell

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

OVERVIEW

	NVIDIA DGX Spark	NVIDIA GB10 Grace Blackwell
FP32 TFLOPS	—	31.0
VRAM	128 GB	128 GB
Memory Bandwidth	273 GB/s	273 GB/s
TDP	140 W	180 W

PERFORMANCE BY PRECISION

Precision	NVIDIA DGX Spark peak TFLOPS (dense)	NVIDIA GB10 Grace Blackwell peak TFLOPS (dense)
FP64	—	—
FP32	—	31.0
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	500.0	500.0
INT8	—	—

SPECIFICATIONS

	NVIDIA DGX Spark	NVIDIA GB10 Grace Blackwell
Architecture	Grace Blackwell	Blackwell
Process Node	4nm	—
Launch Year	2025	2025
Form Factor	Desktop Workstation	Integrated
Memory Type	—	LPDDR5X
Interface Width	—	—
Interconnect	—	—

	NVIDIA DGX Spark	NVIDIA GB10 Grace Blackwell
TDP	140 W	180 W
FP32 Efficiency	—	0.17 TFLOPS/W