

NVIDIA GB200 Grace Blackwell Superchip 372GB vs NVIDIA B200 SXM 180GB

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

OVERVIEW

	NVIDIA GB200 Grace Blackwell Superchip 372GB	NVIDIA B200 SXM 180GB
FP32 TFLOPS	160.0	75.0
Memory	372 GB	180 GB
Memory Bandwidth	16.0 TB/s	7.7 TB/s
TDP	—	1.0 kW

PERFORMANCE BY PRECISION

Precision	NVIDIA GB200 Grace Blackwell Superchip 372GB peak TFLOPS (dense)	NVIDIA B200 SXM 180GB peak TFLOPS (dense)
FP64	80.0	37.0
FP32	160.0	75.0
TF32	2500.0	1125.0
BF16	5000.0	2250.0
FP16	5000.0	2250.0
FP8	10000.0	4500.0
FP6	10000.0	4500.0
FP4	20000.0	9000.0
INT8	10000.0	4500.0

SPECIFICATIONS

	NVIDIA GB200 Grace Blackwell Superchip 372GB	NVIDIA B200 SXM 180GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2024	2024
Form Factor	Superchip	SXM
Memory Type	HBM3e	—

	NVIDIA GB200 Grace Blackwell Superchip 372GB	NVIDIA B200 SXM 180GB
Interface Width	—	—
Interconnect	NVLink-C2C	
TDP	—	1.0 kW
FP32 Efficiency	—	0.07 TFLOPS/W