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

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

OVERVIEW

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

PERFORMANCE BY PRECISION

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

SPECIFICATIONS

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

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