



NVIDIA B300 SXM 288GB vs NVIDIA B30A

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

OVERVIEW

	NVIDIA B300 SXM 288GB	NVIDIA B30A
FP32 TFLOPS	75.0	—
VRAM	288 GB	—
Memory Bandwidth	8.0 TB/s	—
TDP	1.4 kW	—

PERFORMANCE BY PRECISION

Precision	NVIDIA B300 SXM 288GB peak TFLOPS (dense)	NVIDIA B30A peak TFLOPS (dense)
INT8	187.5	—
FP8	4500.0	—
FP4	13500.0	—
FP16	2250.0	—
BF16	2250.0	—
TF32	1125.0	—
FP32	75.0	—
FP64	1.3	—
FP6	4500.0	—

SPECIFICATIONS

	NVIDIA B300 SXM 288GB	NVIDIA B30A
Architecture	Blackwell Ultra	Blackwell Ultra
Process Node	4nm	—
Launch Year	2025	2025
Form Factor	SXM	—
Memory Type	HBM3e	—
Interface Width	—	—
Interconnect	—	NVLink

	NVIDIA B300 SXM 288GB	NVIDIA B30A
TDP	1.4 kW	—
FP32 Efficiency	0.05 TFLOPS/W	—