

NVIDIA B30A vs NVIDIA GB300 Grace Blackwell Ultra Desktop Superchip 252GB

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

OVERVIEW

	NVIDIA B30A	NVIDIA GB300 Grace Blackwell Ultra Desktop Superchip 252GB
FP32 TFLOPS	—	80.0
Memory	—	252 GB
Memory Bandwidth	—	7.1 TB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	NVIDIA B30A peak TFLOPS (dense)	NVIDIA GB300 Grace Blackwell Ultra Desktop Superchip 252GB peak TFLOPS (dense)
FP64	—	1.3
FP32	—	80.0
TF32	—	1250.0
BF16	—	2500.0
FP16	—	2500.0
FP8	—	5000.0
FP6	—	5000.0
FP4	—	15000.0
INT8	—	165.0

SPECIFICATIONS

	NVIDIA B30A	NVIDIA GB300 Grace Blackwell Ultra Desktop Superchip 252GB
Architecture	Blackwell Ultra	Blackwell Ultra
Process Node	—	4nm
Launch Year	2025	2025
Form Factor	—	Superchip
Memory Type	—	HBM3e

	NVIDIA B30A	NVIDIA GB300 Grace Blackwell Ultra Desktop Superchip 252GB
Interface Width	—	—
Interconnect	NVLink	NVLink-C2C
TDP	—	—
FP32 Efficiency	—	—