

NVIDIA B300 SXM 288GB

Blackwell Ultra

SXM

2025

4nm

OVERVIEW

75.0

FP32 TFLOPS

288 GB

VRAM HBM3e

8.0 TB/s

Memory Bandwidth

1.4 kW

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	4500.0	8	Standard
FP8	5000.0	8	Standard
FP4	15000.0	4	Standard
FP16	2500.0	16	Standard
BF16	2500.0	16	Standard
TF32	1250.0	32	Standard
FP32	75.0	32	Standard
FP64	1.3	64	Standard

MEMORY SPECIFICATIONS

Capacity	288 GB
Type	HBM3e
Bandwidth	8.0 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	1.4 kW
Est. Max Power	1.6 kW
FP32 Efficiency	0.05 TFLOPS/W
FP16 Efficiency	1.79 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Blackwell Ultra	Process Node: 4nm
Form Factor: SXM	Launch Year: 2025	Variant: SXM 288GB