

NVIDIA B200 SXM 180GB

Blackwell

SXM

2025

4nm

OVERVIEW

75.0 FP32 TFLOPS	180 GB VRAM	7.7 TB/s Memory Bandwidth	1.0 kW TDP
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PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP6	4500.0	—	Standard
INT8	4500.0	8	Standard
FP8	4500.0	8	Standard
FP4	9000.0	4	Standard
FP16	2250.0	16	Standard
BF16	2250.0	16	Standard
TF32	1100.0	32	Standard
FP32	75.0	32	Standard
FP64	37.0	64	Standard

MEMORY SPECIFICATIONS

Capacity	180 GB
Type	—
Bandwidth	7.7 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	1.0 kW
Est. Max Power	1.1 kW
FP32 Efficiency	0.07 TFLOPS/W
FP16 Efficiency	2.25 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Blackwell	Process Node: 4nm
Form Factor: SXM	Launch Year: 2025	Variant: SXM 180GB