

NVIDIA B100 SXM 192GB

Blackwell SXM 2024 4nm

OVERVIEW

60.0

FP32 TFLOPS

192 GB

VRAM

8.0 TB/s

Memory Bandwidth

700 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	3500.0	8	Standard
FP8	3500.0	8	Standard
FP4	7000.0	4	Standard
FP16	1750.0	16	Standard
BF16	1750.0	16	Standard
TF32	875.0	32	Standard
FP32	60.0	32	Standard
FP64	30.0	64	Standard

MEMORY SPECIFICATIONS

Capacity	192 GB
Type	—
Bandwidth	8.0 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	700 W
Est. Max Power	805 W
FP32 Efficiency	0.09 TFLOPS/W
FP16 Efficiency	2.50 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Blackwell	Process Node: 4nm
Form Factor: SXM	Launch Year: 2024	Variant: SXM 192GB