

NVIDIA GH200

Hopper SXM 2023 4nm

OVERVIEW

67.0

FP32 TFLOPS

468 GB

VRAM

900 GB/s

Memory Bandwidth

1.0 kW

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	1979.0	8	Standard
FP8	1979.0	8	Standard
FP16	989.5	16	Standard
BF16	989.5	16	Standard
TF32	494.5	32	Standard
FP32	67.0	32	Standard
FP64	34.0	64	Standard

MEMORY SPECIFICATIONS

Capacity	468 GB
Type	—
Bandwidth	900 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	1.0 kW
Est. Max Power	1.1 kW
FP32 Efficiency	0.07 TFLOPS/W
FP16 Efficiency	0.99 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Hopper	Process Node: 4nm
Form Factor: SXM	Launch Year: 2023	