

NVIDIA H100 SXM5 80GB

Hopper SXM 2022 4nm

OVERVIEW

67.0

FP32 TFLOPS

80 GB

VRAM

3.4 TB/s

Memory Bandwidth

700 W

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	80 GB
Type	—
Bandwidth	3.4 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	700 W
Est. Max Power	805 W
FP32 Efficiency	0.10 TFLOPS/W
FP16 Efficiency	1.41 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Hopper	Process Node: 4nm
Form Factor: SXM	Launch Year: 2022	Variant: SXM5 80GB