

NVIDIA H100 PCIe 80GB

Hopper PCIe 2022 4nm

OVERVIEW

51.0

FP32 TFLOPS

80 GB

VRAM

2.0 TB/s

Memory Bandwidth

350 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	1513.0	8	Standard
FP8	1513.0	8	Standard
FP16	756.5	16	Standard
BF16	756.5	16	Standard
TF32	378.0	32	Standard
FP32	51.0	32	Standard
FP64	26.0	64	Standard

MEMORY SPECIFICATIONS

Capacity	80 GB
Type	—
Bandwidth	2.0 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	350 W
Est. Max Power	402 W
FP32 Efficiency	0.15 TFLOPS/W
FP16 Efficiency	2.16 TFLOPS/W

HARDWARE DETAILS

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