

# NVIDIA H800 PCIe 80GB

Hopper PCIe 2022 4nm

## OVERVIEW

**51.0**

FP32 TFLOPS

**80 GB**

VRAM HBM3

**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	0.8	64	Standard

## MEMORY SPECIFICATIONS

Capacity	80 GB
Type	HBM3
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