

NVIDIA H100 NVL 94GB

Hopper PCIe 2023 4nm

OVERVIEW

60.0

FP32 TFLOPS

94 GB

VRAM HBM3

3.9 TB/s

Memory Bandwidth

400 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	1670.5	8	Standard
FP8	1670.5	8	Standard
FP16	835.5	16	Standard
BF16	835.5	16	Standard
TF32	417.5	32	Standard
FP32	60.0	32	Standard
FP64	30.0	64	Standard

MEMORY SPECIFICATIONS

Capacity	94 GB
Type	HBM3
Bandwidth	3.9 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	400 W
Est. Max Power	460 W
FP32 Efficiency	0.15 TFLOPS/W
FP16 Efficiency	2.09 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Hopper	Process Node: 4nm
Form Factor: PCIe	Launch Year: 2023	Variant: NVL 94GB