



NVIDIA H20 96GB vs NVIDIA H100 SXM5 80GB

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA H20 96GB	NVIDIA H100 SXM5 80GB
FP32 TFLOPS	44.0	67.0
VRAM	96 GB	80 GB
Memory Bandwidth	4.0 TB/s	3.4 TB/s
TDP	400 W	700 W

PERFORMANCE BY PRECISION

Precision	NVIDIA H20 96GB peak TFLOPS (dense)	NVIDIA H100 SXM5 80GB peak TFLOPS (dense)
INT8	296.0	1979.0
FP8	296.0	1979.0
FP16	148.0	990.0
BF16	148.0	990.0
TF32	74.0	494.0
FP32	44.0	67.0
FP64_TC Tensor Core	—	67.0
FP64	1.0	34.0

SPECIFICATIONS

	NVIDIA H20 96GB	NVIDIA H100 SXM5 80GB
Architecture	Hopper	Hopper
Process Node	4nm	4nm
Launch Year	2024	2022
Form Factor	SXM	SXM
Memory Type	HBM3	—
Interface Width	—	—
Interconnect	—	—

	NVIDIA H20 96GB	NVIDIA H100 SXM5 80GB
TDP	400 W	700 W
FP32 Efficiency	0.11 TFLOPS/W	0.10 TFLOPS/W