

NVIDIA H200 SXM 141GB vs NVIDIA H100 SXM5 80GB

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

OVERVIEW

	NVIDIA H200 SXM 141GB	NVIDIA H100 SXM5 80GB
FP32 TFLOPS	67.0	67.0
VRAM	141 GB	80 GB
Memory Bandwidth	4.8 TB/s	3.4 TB/s
TDP	700 W	700 W

PERFORMANCE BY PRECISION

Precision	NVIDIA H200 SXM 141GB peak TFLOPS (dense)	NVIDIA H100 SXM5 80GB peak TFLOPS (dense)
INT8	1979.0	1979.0
FP8	1979.0	1979.0
FP16	990.0	990.0
BF16	990.0	990.0
TF32	494.0	494.0
FP32	67.0	67.0
FP64_TC Tensor Core	—	67.0
FP64	34.0	34.0

SPECIFICATIONS

	NVIDIA H200 SXM 141GB	NVIDIA H100 SXM5 80GB
Architecture	Hopper	Hopper
Process Node	4nm	4nm
Launch Year	2024	2022
Form Factor	SXM	SXM
Memory Type	—	—

	NVIDIA H200 SXM 141GB	NVIDIA H100 SXM5 80GB
Interface Width	—	—
Interconnect	—	—
TDP	700 W	700 W
FP32 Efficiency	0.10 TFLOPS/W	0.10 TFLOPS/W