



NVIDIA H200 NVL 141GB vs NVIDIA H100 SXM5 80GB

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

OVERVIEW

	NVIDIA H200 NVL 141GB	NVIDIA H100 SXM5 80GB
FP32 TFLOPS	60.0	67.0
Memory	141 GB	80 GB
Memory Bandwidth	4.8 TB/s	3.4 TB/s
TDP	600 W	700 W

PERFORMANCE BY PRECISION

Precision	NVIDIA H200 NVL 141GB peak TFLOPS (dense)	NVIDIA H100 SXM5 80GB peak TFLOPS (dense)
FP64	30.0	34.0
FP64_TC Tensor Core	60.0	67.0
FP32	60.0	67.0
TF32	—	494.0
BF16	—	990.0
FP16	—	990.0
FP8	—	1979.0
FP6	—	—
FP4	—	—
INT8	—	1979.0

SPECIFICATIONS

	NVIDIA H200 NVL 141GB	NVIDIA H100 SXM5 80GB
Architecture	Hopper	Hopper
Process Node	4nm	4nm
Launch Year	2024	2022
Form Factor	PCIe	SXM
Memory Type	HBM3e	—

	NVIDIA H200 NVL 141GB	NVIDIA H100 SXM5 80GB
Interface Width	—	—
Interconnect	—	—
TDP	600 W	700 W
FP32 Efficiency	0.10 TFLOPS/W	0.10 TFLOPS/W