



NVIDIA H20 141GB HBM3e vs NVIDIA H100 NVL 94GB

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

OVERVIEW

	NVIDIA H20 141GB HBM3e	NVIDIA H100 NVL 94GB
FP32 TFLOPS	44.0	60.0
Memory	141 GB	94 GB
Memory Bandwidth	4.0 TB/s	3.9 TB/s
TDP	400 W	400 W

PERFORMANCE BY PRECISION

Precision	NVIDIA H20 141GB HBM3e peak TFLOPS (dense)	NVIDIA H100 NVL 94GB peak TFLOPS (dense)
FP64	1.0	30.0
FP64_TC Tensor Core	—	60.0
FP32	44.0	60.0
TF32	74.0	—
BF16	148.0	—
FP16	148.0	—
FP8	296.0	—
FP6	—	—
FP4	—	—
INT8	296.0	—

SPECIFICATIONS

	NVIDIA H20 141GB HBM3e	NVIDIA H100 NVL 94GB
Architecture	Hopper	Hopper
Process Node	4nm	4nm
Launch Year	2025	2023
Form Factor	SXM	PCIe
Memory Type	HBM3e	HBM3

	NVIDIA H20 141GB HBM3e	NVIDIA H100 NVL 94GB
Interface Width	—	—
Interconnect	NVLink	—
TDP	400 W	400 W
FP32 Efficiency	0.11 TFLOPS/W	0.15 TFLOPS/W