NVIDIA H100 PCIe 80GB vs NVIDIA H200 SXM 141GB

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

OVERVIEW

	NVIDIA H100 PCIe 80GB	NVIDIA H200 SXM 141GB
FP32 TFLOPS	**51.0**	**67.0**
VRAM	**80 GB**	**141 GB**
Memory Bandwidth	**2.0 TB/s**	**4.8 TB/s**
TDP	**350 W**	**700 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA H100 PCIe 80GB peak TFLOPS (dense)	NVIDIA H200 SXM 141GB peak TFLOPS (dense)
INT8	1513.0	1979.0
FP8	1513.0	1979.0
FP16	756.5	990.0
BF16	756.5	990.0
TF32	378.0	494.0
FP32	51.0	67.0
FP64	26.0	34.0

SPECIFICATIONS

	NVIDIA H100 PCIe 80GB	NVIDIA H200 SXM 141GB
Architecture	Hopper	Hopper
Process Node	4nm	4nm
Launch Year	2022	2024
Form Factor	PCIe	SXM
Memory Type	–	–
Interface Width	–	–
Interconnect	–	–
TDP	350 W	700 W

	NVIDIA H100 PCIe 80GB	NVIDIA H200 SXM 141GB
FP32 Efficiency	0.15 TFLOPS/W	0.10 TFLOPS/W