d-Matrix Corsair vs NVIDIA GH200 144GB HBM3e

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

OVERVIEW

	d-Matrix Corsair	NVIDIA GH200 144GB HBM3e
FP32 TFLOPS	–	**67.0**
Memory	**256 GB**	**144 GB**
Memory Bandwidth	–	**4.9 TB/s**
TDP	–	**1.0 kW**

PERFORMANCE BY PRECISION

Precision	d-Matrix Corsair peak TFLOPS (dense)	NVIDIA GH200 144GB HBM3e peak TFLOPS (dense)
FP64	–	34.0
FP64_TC Tensor Core	–	67.0
FP32	–	67.0
TF32	–	494.0
BF16	–	990.0
FP16	–	990.0
FP8	–	1979.0
FP6	–	–
FP4	–	–
INT8	2400.0	1979.0
INT4	9600.0	–

SPECIFICATIONS

	d-Matrix Corsair	NVIDIA GH200 144GB HBM3e
Architecture	Corsair	Hopper
Process Node	–	4nm
Launch Year	–	2024
Form Factor	PCIe	Superchip

	d-Matrix Corsair	NVIDIA GH200 144GB HBM3e
Memory Type	—	HBM3e
Interface Width	—	—
Interconnect	DMX Bridge	NVLink-C2C
TDP	—	1.0 kW
FP32 Efficiency	—	0.07 TFLOPS/W