



Intel Gaudi 3 128GB vs Intel Gaudi 3 HL-338

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

OVERVIEW

	Intel Gaudi 3 128GB	Intel Gaudi 3 HL-338
FP32 TFLOPS	229.0	229.0
VRAM	128 GB	128 GB
Memory Bandwidth	3.7 TB/s	3.7 TB/s
TDP	900 W	600 W

PERFORMANCE BY PRECISION

Precision	Intel Gaudi 3 128GB peak TFLOPS (dense)	Intel Gaudi 3 HL-338 peak TFLOPS (dense)
FP8	1678.0	1678.0
FP16	459.0	459.0
BF16	1678.0	1678.0
TF32	459.0	459.0
FP32	229.0	229.0

SPECIFICATIONS

	Intel Gaudi 3 128GB	Intel Gaudi 3 HL-338
Architecture	Gaudi 3	Gaudi 3
Process Node	5nm	5nm
Launch Year	2024	—
Form Factor	OAM	PCIe
Memory Type	HBM2E	HBM2E
Interface Width	—	—
Interconnect	RoCE v2 RDMA (24x 200GbE), 1200 GB/s bidirectional	RoCE v2 RDMA over top bridge (HLTB-304A/304B), 900 GB/s per card in a 4-card quad
TDP	900 W	600 W

	Intel Gaudi 3 128GB	Intel Gaudi 3 HL-338
FP32 Efficiency	0.25 TFLOPS/W	0.38 TFLOPS/W