Intel Data Center GPU Max 1550 128GB vs Intel Gaudi 3 HL-338

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

OVERVIEW

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 3 HL-338
FP32 TFLOPS	**52.0**	**229.0**
Memory	**128 GB**	**128 GB**
Memory Bandwidth	**3.3 TB/s**	**3.7 TB/s**
TDP	**600 W**	**600 W**

PERFORMANCE BY PRECISION

Precision	Intel Data Center GPU Max 1550 128GB peak TFLOPS (dense)	Intel Gaudi 3 HL-338 peak TFLOPS (dense)
FP64	52.0	–
FP32	52.0	229.0
TF32	419.0	459.0
BF16	839.0	1678.0
FP16	839.0	459.0
FP8	–	1678.0
FP6	–	–
FP4	–	–
INT8	1678.0	–

SPECIFICATIONS

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 3 HL-338
Architecture	Xe-HPC	Gaudi 3
Process Node	–	5nm
Launch Year	2023	–
Form Factor	OAM	PCIe
Memory Type	HBM2e	HBM2E

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 3 HL-338
Interface Width	1024-bit	–
Interconnect	–	RoCE v2 RDMA over top bridge (HLTB-304A/304B), 900 GB/s per card in a 4-card quad
TDP	600 W	600 W
FP32 Efficiency	0.09 TFLOPS/W	0.38 TFLOPS/W