Intel Data Center GPU Max 1550 128GB vs Intel Gaudi 3 128GB

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

OVERVIEW

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 3 128GB
FP32 TFLOPS	**52.0**	**229.0**
Memory	**128 GB**	**128 GB**
Memory Bandwidth	**3.3 TB/s**	**3.7 TB/s**
TDP	**600 W**	**900 W**

PERFORMANCE BY PRECISION

Precision	Intel Data Center GPU Max 1550 128GB peak TFLOPS (dense)	Intel Gaudi 3 128GB 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 128GB
Architecture	Xe-HPC	Gaudi 3
Process Node	—	5nm
Launch Year	2023	2024
Form Factor	OAM	OAM
Memory Type	HBM2e	HBM2E

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 3 128GB
Interface Width	1024-bit	—
Interconnect	—	RoCE v2 RDMA (24x 200GbE), 1200 GB/s bidirectional
TDP	600 W	900 W
FP32 Efficiency	0.09 TFLOPS/W	0.25 TFLOPS/W