Intel Data Center GPU Max 1550 128GB vs Intel Gaudi 2 96GB

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

OVERVIEW

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 2 96GB
FP32 TFLOPS	**52.0**	**45.2**
Memory	**128 GB**	**96 GB**
Memory Bandwidth	**3.3 TB/s**	**2.5 TB/s**
TDP	**600 W**	**600 W**

PERFORMANCE BY PRECISION

Precision	Intel Data Center GPU Max 1550 128GB peak TFLOPS (dense)	Intel Gaudi 2 96GB peak TFLOPS (dense)
FP64	52.0	–
FP32	52.0	45.2
TF32	419.0	362.0
BF16	839.0	432.0
FP16	839.0	432.0
FP8	–	865.0
FP6	–	–
FP4	–	–
INT8	1678.0	865.0

SPECIFICATIONS

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 2 96GB
Architecture	Xe-HPC	Gaudi 2
Process Node	–	7nm
Launch Year	2023	2022
Form Factor	OAM	OAM
Memory Type	HBM2e	–
Interface Width	1024-bit	–
Interconnect	–	–

	Intel Data Center GPU Max 1550 128GB	Intel Gaudi 2 96GB
TDP	600 W	600 W
FP32 Efficiency	0.09 TFLOPS/W	0.08 TFLOPS/W