Intel Crescent Island vs Intel Gaudi 3 HL-338

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

OVERVIEW

	Intel Crescent Island	Intel Gaudi 3 HL-338
FP32 TFLOPS	—	**229.0**
Memory	**160 GB**	**128 GB**
Memory Bandwidth	—	**3.7 TB/s**
TDP	—	**600 W**

PERFORMANCE BY PRECISION

Precision	Intel Crescent Island peak TFLOPS (dense)	Intel Gaudi 3 HL-338 peak TFLOPS (dense)
FP64	—	—
FP32	—	229.0
TF32	—	459.0
BF16	—	1678.0
FP16	—	459.0
FP8	—	1678.0
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	Intel Crescent Island	Intel Gaudi 3 HL-338
Architecture	Xe3P	Gaudi 3
Process Node	—	5nm
Launch Year	2026	—
Form Factor	PCIe	PCIe
Memory Type	LPDDR5X	HBM2E
Interface Width	—	—

	Intel Crescent Island	Intel Gaudi 3 HL-338
Interconnect	—	RoCE v2 RDMA over top bridge (HLTB-304A/304B), 900 GB/s per card in a 4-card quad
TDP	—	600 W
FP32 Efficiency	—	0.38 TFLOPS/W