Intel Crescent Island vs Intel Data Center GPU Max 1100 48GB

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

OVERVIEW

	Intel Crescent Island	Intel Data Center GPU Max 1100 48GB
FP32 TFLOPS	—	**22.2**
Memory	**160 GB**	**48 GB**
Memory Bandwidth	—	**1.2 TB/s**
TDP	—	**300 W**

PERFORMANCE BY PRECISION

Precision	Intel Crescent Island peak TFLOPS (dense)	Intel Data Center GPU Max 1100 48GB peak TFLOPS (dense)
FP64	—	22.2
FP32	—	22.2
TF32	—	209.5
BF16	—	419.5
FP16	—	419.5
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	839.0

SPECIFICATIONS

	Intel Crescent Island	Intel Data Center GPU Max 1100 48GB
Architecture	Xe3P	Xe-HPC
Process Node	—	—
Launch Year	2026	2023
Form Factor	PCIe	PCIe
Memory Type	LPDDR5X	HBM2e
Interface Width	—	—
Interconnect	—	—

	Intel Crescent Island	Intel Data Center GPU Max 1100 48GB
TDP	—	300 W
FP32 Efficiency	—	0.07 TFLOPS/W