

Intel Data Center GPU Max 1100 48GB

Xe-HPC PCIe 2023

OVERVIEW

22.2

FP32 TFLOPS

48 GB

VRAM HBM2e

1.2 TB/s

Memory Bandwidth

300 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	839.0	8	Standard
FP16	419.5	16	Standard
BF16	419.5	16	Standard
TF32	209.5	32	Standard
FP32	22.2	32	Standard
FP64	22.2	64	Standard

MEMORY SPECIFICATIONS

Capacity	48 GB
Type	HBM2e
Bandwidth	1.2 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	300 W
Est. Max Power	345 W
FP32 Efficiency	0.07 TFLOPS/W
FP16 Efficiency	1.40 TFLOPS/W

HARDWARE DETAILS

Vendor: Intel	Architecture: Xe-HPC	Process Node: —
Form Factor: PCIe	Launch Year: 2023	Variant: 48GB