

Iluvatar CoreX BI-V100 Tiangai 100

OFFICIAL

CoreX GPGPU

PCIe

2021

7nm

OVERVIEW

— FP32 TFLOPS	32 GB VRAM HBM2	1.2 TB/s Memory Bandwidth	250 W TDP
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PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP16	147.0	16	Standard
BF16	147.0	16	Standard

MEMORY SPECIFICATIONS

Capacity	32 GB
Type	HBM2
Bandwidth	1.2 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	250 W
Est. Max Power	288 W
FP32 Efficiency	—
FP16 Efficiency	0.59 TFLOPS/W

HARDWARE DETAILS

Vendor: Iluvatar CoreX	Architecture: CoreX GPGPU	Process Node: 7nm
Form Factor: PCIe	Launch Year: 2021	Variant: Tiangai 100