

AMD Instinct MI100 32GB

CDNA PCIe 2020 7nm

OVERVIEW

23.1

FP32 TFLOPS

32 GB

VRAM HBM2

1.2 TB/s

Memory Bandwidth

300 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	184.6	8	Standard
INT4	184.6	4	Standard
FP16	184.6	16	Standard
BF16	92.3	16	Standard
FP32	23.1	32	Standard
FP64	11.5	64	Standard

MEMORY SPECIFICATIONS

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

POWER & EFFICIENCY

TDP	300 W
Est. Max Power	345 W
FP32 Efficiency	0.08 TFLOPS/W
FP16 Efficiency	0.62 TFLOPS/W

HARDWARE DETAILS

Vendor: AMD	Architecture: CDNA	Process Node: 7nm
Form Factor: PCIe	Launch Year: 2020	Variant: 32GB