

AMD Instinct MI250 128GB

CDNA 2 OAM 2021 6nm

OVERVIEW

45.3

FP32 TFLOPS

128 GB

VRAM HBM2e

3.3 TB/s

Memory Bandwidth

500 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	362.1	8	Standard
INT4	362.1	4	Standard
FP16	362.1	16	Standard
BF16	362.1	16	Standard
FP32	45.3	32	Standard
FP64	45.3	64	Standard

MEMORY SPECIFICATIONS

Capacity	128 GB
Type	HBM2e
Bandwidth	3.3 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	500 W
Est. Max Power	575 W
FP32 Efficiency	0.09 TFLOPS/W
FP16 Efficiency	0.72 TFLOPS/W

HARDWARE DETAILS

Vendor: AMD	Architecture: CDNA 2	Process Node: 6nm
Form Factor: OAM	Launch Year: 2021	Variant: 128GB