

AMD Instinct MI325X OAM

CDNA 3 OAM 2025 5nm FinFET

OVERVIEW

163.4

FP32 TFLOPS

256 GB

VRAM

6.0 TB/s

Memory Bandwidth

1.0 kW

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	2614.9	8	Standard
FP8	2614.9	8	Standard
FP16	1307.4	16	Standard
BF16	1307.4	16	Standard
TF32	653.7	32	Standard
FP32	163.4	32	Standard
FP64	81.7	64	Standard

MEMORY SPECIFICATIONS

Capacity	256 GB
Type	—
Bandwidth	6.0 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	1.0 kW
Est. Max Power	1.1 kW
FP32 Efficiency	0.16 TFLOPS/W
FP16 Efficiency	1.31 TFLOPS/W

HARDWARE DETAILS

Vendor: AMD	Architecture: CDNA 3	Process Node: 5nm FinFET
Form Factor: OAM	Launch Year: 2025	Variant: OAM