

AMD Instinct MI355X OAM

CDNA 4 OAM 2025 3nm/6nm

OVERVIEW

157.3

FP32 TFLOPS

288 GB

VRAM

8.0 TB/s

Memory Bandwidth

1.4 kW

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP6	10066.3	—	Standard
INT8	5033.2	8	Standard
INT4	10066.3	4	Standard
FP8	5033.2	8	Standard
FP4	20132.6	4	Standard
FP16	2516.6	16	Standard
BF16	2516.6	16	Standard
FP32	157.3	32	Standard
FP64	78.6	64	Standard

MEMORY SPECIFICATIONS

Capacity	288 GB
Type	—
Bandwidth	8.0 TB/s
Interface Width	—

POWER & EFFICIENCY

TDP	1.4 kW
Est. Max Power	1.6 kW
FP32 Efficiency	0.11 TFLOPS/W
FP16 Efficiency	1.80 TFLOPS/W

HARDWARE DETAILS

Vendor: AMD	Architecture: CDNA 4	Process Node: 3nm/6nm
Form Factor: OAM	Launch Year: 2025	Variant: OAM