



AMD Instinct MI440X OAM vs AMD Instinct MI455X

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	AMD Instinct MI440X OAM	AMD Instinct MI455X
FP32 TFLOPS	—	315.0
Memory	—	432 GB
Memory Bandwidth	—	23.3 TB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	AMD Instinct MI440X OAM peak TFLOPS (dense)	AMD Instinct MI455X peak TFLOPS (dense)
FP64	—	5.0
FP32	—	315.0
TF32	—	—
BF16	—	5033.0
FP16	—	5033.0
FP8	—	20133.0
FP6	—	20133.0
FP4	—	40265.0
INT8	—	5033.0

SPECIFICATIONS

	AMD Instinct MI440X OAM	AMD Instinct MI455X
Architecture	CDNA 5	CDNA 5
Process Node	—	TSMC 2nm/3nm
Launch Year	2026	2026
Form Factor	OAM	EAM
Memory Type	—	HBM4
Interface Width	—	—
Interconnect	—	—

	AMD Instinct MI440X OAM	AMD Instinct MI455X
TDP	—	—
FP32 Efficiency	—	—