AMD Instinct MI350X OAM vs AMD Instinct MI500

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

OVERVIEW

	AMD Instinct MI350X OAM	AMD Instinct MI500
FP32 TFLOPS	**144.2**	–
Memory	**288 GB**	–
Memory Bandwidth	**8.0 TB/s**	–
TDP	**1.0 kW**	–

PERFORMANCE BY PRECISION

Precision	AMD Instinct MI350X OAM peak TFLOPS (dense)	AMD Instinct MI500 peak TFLOPS (dense)
FP64	72.1	–
FP32	144.2	–
TF32	–	–
BF16	2309.6	–
FP16	2309.6	–
FP8	4614.0	–
FP6	9227.5	–
FP4	9227.5	–
INT8	4614.0	–

SPECIFICATIONS

	AMD Instinct MI350X OAM	AMD Instinct MI500
Architecture	CDNA 4	CDNA 6
Process Node	3nm/6nm	2nm
Launch Year	2025	2027
Form Factor	OAM	–
Memory Type	–	HBM4e
Interface Width	–	–
Interconnect	–	–

	AMD Instinct MI350X OAM	AMD Instinct MI500
TDP	1.0 kW	–
FP32 Efficiency	0.14 TFLOPS/W	–