



AMD Instinct MI355X OAM vs AMD Instinct MI350X OAM

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

OVERVIEW

	AMD Instinct MI355X OAM	AMD Instinct MI350X OAM
FP32 TFLOPS	157.3	144.2
VRAM	288 GB	288 GB
Memory Bandwidth	8.0 TB/s	8.0 TB/s
TDP	1.4 kW	1.0 kW

PERFORMANCE BY PRECISION

Precision	AMD Instinct MI355X OAM peak TFLOPS (dense)	AMD Instinct MI350X OAM peak TFLOPS (dense)
INT8	5033.2	4614.0
FP8	5033.2	4614.0
FP4	10066.3	9227.5
FP16	2516.6	2309.6
BF16	2516.6	2309.6
FP32	157.3	144.2
FP64	78.6	72.1
FP6	10066.3	9227.5

SPECIFICATIONS

	AMD Instinct MI355X OAM	AMD Instinct MI350X OAM
Architecture	CDNA 4	CDNA 4
Process Node	3nm/6nm	3nm/6nm
Launch Year	2025	2025
Form Factor	OAM	OAM
Memory Type	—	—
Interface Width	—	—

	AMD Instinct MI355X OAM	AMD Instinct MI350X OAM
Interconnect	—	—
TDP	1.4 kW	1.0 kW
FP32 Efficiency	0.11 TFLOPS/W	0.14 TFLOPS/W