

AMD Instinct MI350X OAM vs AMD Instinct MI355X OAM

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

OVERVIEW

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

PERFORMANCE BY PRECISION

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

SPECIFICATIONS

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