AMD Instinct MI325X OAM vs AMD Instinct MI430X OAM

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

OVERVIEW

	AMD Instinct MI325X OAM	AMD Instinct MI430X OAM
FP32 TFLOPS	**163.4**	**—**
Memory	**256 GB**	**432 GB**
Memory Bandwidth	**6.0 TB/s**	**23.3 TB/s**
TDP	**1.0 kW**	**—**

PERFORMANCE BY PRECISION

Precision	AMD Instinct MI325X OAM peak TFLOPS (dense)	AMD Instinct MI430X OAM peak TFLOPS (dense)
FP64	81.7	288.0
FP32	163.4	—
TF32	653.7	—
BF16	1307.4	—
FP16	1307.4	—
FP8	2614.9	—
FP6	—	—
FP4	—	9200.0
INT8	2614.9	—

SPECIFICATIONS

	AMD Instinct MI325X OAM	AMD Instinct MI430X OAM
Architecture	CDNA 3	CDNA 5
Process Node	5nm FinFET	—
Launch Year	2025	2027
Form Factor	OAM	OAM
Memory Type	—	HBM4
Interface Width	—	—
Interconnect	—	Infinity Fabric

	AMD Instinct MI325X OAM	AMD Instinct MI430X OAM
TDP	1.0 kW	–
FP32 Efficiency	0.16 TFLOPS/W	–