AMD Instinct MI430X OAM vs NVIDIA B200 SXM 180GB

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

OVERVIEW

	AMD Instinct MI430X OAM	NVIDIA B200 SXM 180GB
FP32 TFLOPS	—	**75.0**
Memory	**432 GB**	**180 GB**
Memory Bandwidth	**23.3 TB/s**	**7.7 TB/s**
TDP	—	**1.0 kW**

PERFORMANCE BY PRECISION

Precision	AMD Instinct MI430X OAM peak TFLOPS (dense)	NVIDIA B200 SXM 180GB peak TFLOPS (dense)
FP64	288.0	37.0
FP32	—	75.0
TF32	—	1125.0
BF16	—	2250.0
FP16	—	2250.0
FP8	—	4500.0
FP6	—	4500.0
FP4	9200.0	9000.0
INT8	—	4500.0

SPECIFICATIONS

	AMD Instinct MI430X OAM	NVIDIA B200 SXM 180GB
Architecture	CDNA 5	Blackwell
Process Node	—	4nm
Launch Year	2027	2024
Form Factor	OAM	SXM
Memory Type	HBM4	—
Interface Width	—	—
Interconnect	Infinity Fabric	—

	AMD Instinct MI430X OAM	NVIDIA B200 SXM 180GB
TDP	—	1.0 kW
FP32 Efficiency	—	0.07 TFLOPS/W