

AMD MI250X 128GB vs AMD Instinct MI210 PCIe

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

OVERVIEW

	AMD MI250X 128GB	AMD Instinct MI210 PCIe
FP32 TFLOPS	47.9	22.6
VRAM	128 GB	64 GB
Memory Bandwidth	3.3 TB/s	1.6 TB/s
TDP	560 W	300 W

PERFORMANCE BY PRECISION

Precision	AMD MI250X 128GB peak TFLOPS (dense)	AMD Instinct MI210 PCIe peak TFLOPS (dense)
INT8	383.0	181.0
INT4	383.0	—
FP16	383.0	181.0
BF16	383.0	181.0
FP32	47.9	22.6
FP64	47.9	22.6

SPECIFICATIONS

	AMD MI250X 128GB	AMD Instinct MI210 PCIe
Architecture	CDNA 2	CDNA 2
Process Node	6nm	6nm
Launch Year	2021	2022
Form Factor	OAM	PCIe
Memory Type	—	—
Interface Width	—	—
Interconnect	—	—
TDP	560 W	300 W
FP32 Efficiency	0.09 TFLOPS/W	0.08 TFLOPS/W

