



AMD Instinct MI250 128GB vs AMD Instinct MI210 PCIe

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

OVERVIEW

	AMD Instinct MI250 128GB	AMD Instinct MI210 PCIe
FP32 TFLOPS	45.3	22.6
VRAM	128 GB	64 GB
Memory Bandwidth	3.3 TB/s	1.6 TB/s
TDP	500 W	300 W

PERFORMANCE BY PRECISION

Precision	AMD Instinct MI250 128GB peak TFLOPS (dense)	AMD Instinct MI210 PCIe peak TFLOPS (dense)
FP64	45.3	22.6
FP32	45.3	22.6
TF32	—	—
BF16	362.1	181.0
FP16	362.1	181.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	362.1	181.0
INT4	362.1	—

SPECIFICATIONS

	AMD Instinct MI250 128GB	AMD Instinct MI210 PCIe
Architecture	CDNA 2	CDNA 2
Process Node	6nm	6nm
Launch Year	2021	2022
Form Factor	OAM	PCIe
Memory Type	HBM2e	—
Interface Width	—	—

	AMD Instinct MI250 128GB	AMD Instinct MI210 PCIe
Interconnect	—	—
TDP	500 W	300 W
FP32 Efficiency	0.09 TFLOPS/W	0.08 TFLOPS/W