



AMD Instinct MI210 PCIe vs AMD Instinct MI250 128GB

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

OVERVIEW

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

PERFORMANCE BY PRECISION

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

SPECIFICATIONS

	AMD Instinct MI210 PCIe	AMD Instinct MI250 128GB
Architecture	CDNA 2	CDNA 2
Process Node	6nm	6nm
Launch Year	2022	2021
Form Factor	PCIe	OAM
Memory Type	—	HBM2e
Interface Width	—	—
Interconnect	—	—
TDP	300 W	500 W

	AMD Instinct MI210 PCIe	AMD Instinct MI250 128GB
FP32 Efficiency	0.08 TFL0PS/W	0.09 TFL0PS/W