Meta MTIA 200 vs NVIDIA L40 48GB

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

OVERVIEW

	Meta MTIA 200	NVIDIA L40 48GB
FP32 TFLOPS	—	90.5
Memory	128 GB	48 GB
Memory Bandwidth	205 GB/s	864 GB/s
TDP	90 W	300 W

PERFORMANCE BY PRECISION

Precision	Meta MTIA 200 peak TFLOPS (dense)	NVIDIA L40 48GB peak TFLOPS (dense)
FP64	—	—
FP32	—	90.5
TF32	—	90.5
BF16	177.0	181.1
FP16	177.0	181.1
FP8	—	362.0
FP6	—	—
FP4	—	—
INT8	354.0	362.0
INT4	—	724.0

SPECIFICATIONS

	Meta MTIA 200	NVIDIA L40 48GB
Architecture	MTIA	Ada Lovelace
Process Node	5nm	4nm
Launch Year	2024	2023
Form Factor	—	PCIe
Memory Type	LPDDR5	GDDR6
Interface Width	—	—

	Meta MTIA 200	NVIDIA L40 48GB
Interconnect	—	—
TDP	90 W	300 W
FP32 Efficiency	—	0.30 TFLOPS/W