Microsoft Maia 200 vs NVIDIA GH200 144GB HBM3e

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

OVERVIEW

	Microsoft Maia 200	NVIDIA GH200 144GB HBM3e
FP32 TFLOPS	—	**67.0**
Memory	**216 GB**	**144 GB**
Memory Bandwidth	**7.0 TB/s**	**4.9 TB/s**
TDP	**750 W**	**1.0 kW**

PERFORMANCE BY PRECISION

Precision	Microsoft Maia 200 peak TFLOPS (dense)	NVIDIA GH200 144GB HBM3e peak TFLOPS (dense)
FP64	—	34.0
FP64_TC Tensor Core	—	67.0
FP32	—	67.0
TF32	—	494.0
BF16	1262.5	990.0
FP16	—	990.0
FP8	5050.0	1979.0
FP6	—	—
FP4	10100.0	—
INT8	—	1979.0

SPECIFICATIONS

	Microsoft Maia 200	NVIDIA GH200 144GB HBM3e
Architecture	Maia 200	Hopper
Process Node	TSMC N3	4nm
Launch Year	2026	2024
Form Factor	Custom	Superchip
Memory Type	HBM3e	HBM3e

	Microsoft Maia 200	NVIDIA GH200 144GB HBM3e
Interface Width	—	—
Interconnect	Ethernet scale-up (Maia AI Transport Layer)	NVLink-C2C
TDP	750 W	1.0 kW
FP32 Efficiency	—	0.07 TFLOPS/W