Apple M3 Max vs Apple M4 Max

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

OVERVIEW

	Apple M3 Max	Apple M4 Max
FP32 TFLOPS	**16.4**	**18.4**
Memory	**128 GB**	**128 GB**
Memory Bandwidth	**400 GB/s**	**546 GB/s**
TDP	**—**	**—**

PERFORMANCE BY PRECISION

Precision	Apple M3 Max peak TFLOPS (dense)	Apple M4 Max peak TFLOPS (dense)
FP64	—	—
FP32	16.4	18.4
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	Apple M3 Max	Apple M4 Max
Architecture	Apple M3	Apple M4
Process Node	3nm	3nm
Launch Year	2023	2024
Form Factor	SoC	SoC
Memory Type	LPDDR5	LPDDR5X
Interface Width	512-bit	512-bit
Interconnect	—	—

	Apple M3 Max	Apple M4 Max
TDP	–	–
FP32 Efficiency	–	–