



Apple M3 Max vs Apple M3 Ultra

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

OVERVIEW

	Apple M3 Max	Apple M3 Ultra
FP32 TFLOPS	16.4	32.8
VRAM	128 GB	512 GB
Memory Bandwidth	400 GB/s	819 GB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	Apple M3 Max peak TFLOPS (dense)	Apple M3 Ultra peak TFLOPS (dense)
FP32	16.4	32.8

SPECIFICATIONS

	Apple M3 Max	Apple M3 Ultra
Architecture	Apple M3	Apple M3
Process Node	3nm	3nm
Launch Year	2023	2025
Form Factor	SoC	SoC
Memory Type	LPDDR5	LPDDR5
Interface Width	512-bit	—
Interconnect	—	—
TDP	—	—
FP32 Efficiency	—	—