



Apple M1 Max vs Apple M1 Ultra

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

OVERVIEW

	Apple M1 Max	Apple M1 Ultra
FP32 TFLOPS	10.4	21.2
VRAM	64 GB	128 GB
Memory Bandwidth	400 GB/s	800 GB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	Apple M1 Max peak TFLOPS (dense)	Apple M1 Ultra peak TFLOPS (dense)
FP32	10.4	21.2

SPECIFICATIONS

	Apple M1 Max	Apple M1 Ultra
Architecture	Apple M1	Apple M1
Process Node	5nm	5nm
Launch Year	2021	2022
Form Factor	SoC	SoC
Memory Type	LPDDR5	LPDDR5
Interface Width	512-bit	1024-bit
Interconnect	—	—
TDP	—	—
FP32 Efficiency	—	—