



Apple M1 Ultra vs Apple M1 Pro

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

OVERVIEW

	Apple M1 Ultra	Apple M1 Pro
FP32 TFLOPS	21.2	5.3
VRAM	128 GB	32 GB
Memory Bandwidth	800 GB/s	200 GB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	Apple M1 Ultra peak TFLOPS (dense)	Apple M1 Pro peak TFLOPS (dense)
FP32	21.2	5.3

SPECIFICATIONS

	Apple M1 Ultra	Apple M1 Pro
Architecture	Apple M1	Apple M1
Process Node	5nm	5nm
Launch Year	2022	2021
Form Factor	SoC	SoC
Memory Type	LPDDR5	LPDDR5
Interface Width	1024-bit	256-bit
Interconnect	—	—
TDP	—	—
FP32 Efficiency	—	—