



Apple M5 Ultra vs Apple M5 Pro

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

OVERVIEW

	Apple M5 Ultra	Apple M5 Pro
FP32 TFLOPS	33.2	8.3
VRAM	512 GB	64 GB
Memory Bandwidth	1.2 TB/s	307 GB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	Apple M5 Ultra peak TFLOPS (dense)	Apple M5 Pro peak TFLOPS (dense)
FP64	—	—
FP32	33.2	8.3
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	Apple M5 Ultra	Apple M5 Pro
Architecture	Apple M5	Apple M5
Process Node	3nm	3nm
Launch Year	2026	2026
Form Factor	SoC	SoC
Memory Type	LPDDR5X	LPDDR5X
Interface Width	—	—
Interconnect	UltraFusion	—

	Apple M5 Ultra	Apple M5 Pro
TDP	—	—
FP32 Efficiency	—	—