



Apple M1

Apple M1 SoC 2020 5nm

OVERVIEW

2.6 FP32 TFLOPS	16 GB VRAM LPDDR4X	67 GB/s Memory Bandwidth	— TDP
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PERFORMANCE METRICS

Precision	Peak TFLOPS	Sustained TFLOPS	Bits	Type
INT8	10.4	—	8	Standard
FP16	5.2	—	16	Standard
FP32	2.6	1.4	32	Standard

MEMORY SPECIFICATIONS

Capacity	16 GB
Type	LPDDR4X
Bandwidth	67 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	—
Est. Max Power	—
FP32 Efficiency	—
FP16 Efficiency	—

HARDWARE DETAILS

Vendor: Apple	Architecture: Apple M1	Process Node: 5nm
Form Factor: SoC	Launch Year: 2020	