

# Apple M1 Ultra

Apple M1 SoC 2022 5nm

## OVERVIEW

<b>21.2</b> FP32 TFLOPS	<b>128 GB</b> VRAM LPDDR5	<b>800 GB/s</b> Memory Bandwidth	<b>—</b> TDP
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## PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	84.8	8	Standard
FP16	42.4	16	Standard
FP32	21.2	32	Standard

## MEMORY SPECIFICATIONS

Capacity	128 GB
Type	LPDDR5
Bandwidth	800 GB/s
Interface Width	1024-bit

## 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: 2022	