

Apple M2 / M2 Pro / M2 Max / M2 Ultra Benchmarks & Performance Tests

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Apple M4 Max 16 core

novabench score

4505

17.3.2025

macOS 15.3.2

Apple Silicon

CPU Score  2436

Apple M4 Max (16-core)

Clock Speed 4.5 GHz
Peak workload
SIMD 2969 GFLOPS
Varied workload
Compression 1930 MB/s
Cryptography 24110 MH/s

GPU Score  812

Apple M4 Max (40-core)

Workload
Metal 3D 125 FPS
Compute 16242 GFLOPS
Memory transfer
On-device 331533 MB/s
Host to device 293431 MB/s

Memory Score  697

48GB LPDDR5

Transfer
Peak speed 64838 MB/s
Access
Latency 79 ns

Storage Score  560

Apple SSD AP1024Z

Write
Sequential 6531 MB/s
Random 652 MB/s
Read
Sequential 6588 MB/s
Random 163 MB/s