

Apple iPad A16

Spec Sheet



A powerful, all-day tablet combining performance and versatility—ideal for work, learning, and seamless Apple ecosystem access.

Powerful, lightweight, and built for productivity, the Apple iPad with the A16 chip delivers stunning performance and all-day battery life. With a brilliant display, seamless multitasking, and access to the full Apple ecosystem of apps and accessories, it's the perfect device for work, learning, and staying connected.

In the Box

iPad
USB-C Charge Cable (1 meter)
20W USB-C Power Adapter

Architecture & Process

64-bit ARM-based System-on-Chip (SoC) designed by Apple; fabricated by TSMC using an N4P process (advanced 4 nm node)

Liquid Retina display

LED backlit Multi-Touch display with IPS technology
2360-by-1640-pixel resolution at 264 ppi
True Tone
500 nits brightness
Fingerprint-resistant oleophobic coating
Supports Apple Pencil (USB-C)
Supports Apple Pencil (1st generation)

Camera

12MP Wide camera, f/1.8 aperture
Digital zoom up to 5x
Five-element lens
Autofocus with Focus Pixels
Panorama (up to 63MP)
Smart HDR 4
Photo geotagging
Auto image stabilization
Burst mode
Image formats captured: HEIF and JPEG

Video Recording

4K video recording at 24 fps, 25 fps, 30 fps, or 60 fps
1080p HD video recording at 25 fps, 30 fps, or 60 fps
720p HD video recording at 30 fps or 60 fps

Video Recording Cont.

Slo-mo video support for 1080p at 120 fps or 240 fps

Time-lapse video with stabilization

Extended dynamic range for video up to 30 fps

Video image stabilization

Cinematic video stabilization (1080p and 720p)

Continuous autofocus video

Playback zoom

Video formats captured: HEVC and H.264

CPU Configuration

Total of 6 cores:

2 high performance cores

("Everest") at ~3.46 GHz

4 high efficiency cores

("Sawtooth") at ~2.02 GHz

GPU

5-core Apple-designed GPU

Neural Engine

16-core Neural Engine —

optimized for advanced on-device

ML tasks

Transistor Count

Approximately 16 billion transistors

Cache Hierarchy

L1 Cache: ~320 KB per

Performance core; ~224 KB per Efficiency core

L2 Cache: ~16 MB for

Performance cores; ~4 MB for Efficiency cores

L3 Cache: ~24 MB system cache

Memory Interface

Integrated with LPDDR5 RAM (e.g., 6 GB in iPad A16 models), offering higher bandwidth and performance

Account Management & Device Support

At Mission Telecom, we don't just provide affordable connectivity—we stand by the devices we sell.

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