

# iPad Wi-Fi / Wi-Fi + Cellular models

## Technical Specifications

### Finish



Silver

Gold

Space Gray

### Capacity

32GB

128GB

### Size and Weight

<b>Width:</b>	9.8 inches	250.6 mm
<b>Height:</b>	6.8 inches	174.1 mm
<b>Depth:</b>	0.29 inches	7.5 mm
<b>Weight (Wi-Fi/Cellular):</b>	1.07 / 1.09 pounds	483 / 493 g

### Display

- 10.2" Retina display
- LED-backlit Multi-Touch display with IPS technology
- 2160-by-1620-pixel resolution at 264 ppi
- 500 nits brightness
- Fingerprint-resistant oleophobic coating
- Supports Apple Pencil (1st generation)

### Chip

A10 Fusion chip with 64-bit architecture  
Embedded M10 coprocessor

## Camera

- 8-megapixel camera
- Five-element lens
- Hybrid IR filter
- Backside illumination
- Live Photos
- Autofocus
- Panorama (up to 43 megapixels)
- HDR for photos
- Exposure control
- Burst mode
- Tap to focus
- Timer mode
- Auto image stabilization
- Body and face detection
- Photo geotagging

## Video Recording

- 1080p HD video recording
- Slo-mo video support
- Time-lapse video with stabilization
- Video image stabilization
- Body and face detection
- 3x video zoom
- Video geotagging
- FaceTime HD Camera
- 1.2-megapixel photos
- Retina Flash
- Backside illumination
- Live Photos
- HD video recording
- HDR for photos and videos
- Body and face detection
- Burst mode
- Exposure control
- Timer mode

## Apple Pay

Pay with your iPad using Touch ID within apps and on the web

## Cellular and Wireless

- Wi-Fi
- Bluetooth 4.2

### Wi-Fi + Cellular models

- UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz)
- GSM/EDGE (850, 900, 1800, 1900 MHz)
- Gigabit-class LTE (1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 29, 30, 34, 38, 39, 40, 41, 66, 71)

## Location

- Digital compass
- Wi-Fi
- iBeacon microlocation

### Wi-Fi + Cellular models

- Built-in GPS/GNSS
- Cellular
- Sensors
- Touch ID
- Three-axis gyro
- Accelerometer
- Barometer
- Ambient light sensor
- Touch ID

## Video Calling

FaceTime video

## Audio Calling

FaceTime audio

## Speakers

- Stereo speakers
- Microphones
- Dual microphones for calls, video recording, and audio recording

## Siri

- Use your voice to send messages, set reminders, and more
- Get proactive suggestions
- Use hands-free
- Listen and identify songs

## Power and Battery

- Built-in 32.4-watt-hour rechargeable lithium-polymer battery
- Up to 10 hours of surfing the web on Wi-Fi, watching video, or listening to music
- Up to 9 hours of surfing the web using cellular data network
- Charging via power adapter or USB to computer system

## Operating System

iPadOS

## Accessibility

- VoiceOver
- Zoom
- Magnifier
- Siri and Dictation
- Switch Control
- Closed Captions
- AssistiveTouch
- Speak Screen

## **SIM Card**

Nano-SIM (supports Apple SIM)

## **System Requirements**

- Apple ID (required for some features)
- Internet access
- Syncing to a Mac or PC requires:
  - macOS Catalina 10.15
  - macOS El Capitan 10.11.6 using iTunes 12.8 or later
  - Windows 7 or later using iTunes 12.10 or later

## **In the Box**

- iPad
- Lightning to USB Cable
- USB Power Adapter