

iPad (2020) Tech Specs



Silver



Space Grey



Gold

Capacity

32GB
128GB

Size and Weight

250.6 mm (9.8 inches)
174.1 mm (6.8 inches)
7.5 mm (0.29 inches)
Wi-Fi models
490 grams (1.08 pounds)
Wi-Fi + Cellular models
495 grams (1.09 pounds)

Buttons and Connectors

Smart Connector
3.5mm headphone jack
Stereo speakers
On/Off
Sleep/Wake
Home/Touch ID sensor
Dual microphones
Volume up/down
Nano-SIM tray (cellular models)
Lightning connector

In the Box

iPad
Lightning to USB-C Cable
USB-C Power Adapter

Display

Retina display

10.2-inch (diagonal) LED-backlit Multi-Touch display with IPS technology
2160x1620-pixel resolution at 264 pixels per inch (ppi)
500 nits brightness
Fingerprint-resistant oleophobic coating
Supports Apple Pencil (1st generation)

Chip

A12 Bionic chip with 64-bit architecture
Neural Engine

Camera

8MP camera
f/2.4 aperture
Five-element lens
Hybrid IR filter
Backside illumination
Live Photos
Autofocus
Panorama (up to 43MP)
HDR for photos
Exposure control
Burst mode
Tap to focus
Timer mode
Auto image stabilisation
Body and face detection
Photo geotagging

Video Recording

1080p HD video recording at 30 fps
Slo-mo video support for 720p at 120 fps
Time-lapse video with stabilisation
Video image stabilisation
Body and face detection
3x video zoom
Video geotagging

FaceTime HD Camera

1.2MP photos
f/2.4 aperture
Retina Flash
Backside illumination
Live Photos
720p HD video recording
HDR for photos
Body and face detection
Burst mode
Exposure control
Timer mode

Video Calling

FaceTime video
iPad to any FaceTime-enabled device over Wi-Fi or a mobile network

Audio Calling

FaceTime audio
iPad to any FaceTime-enabled device over Wi-Fi or a mobile network

Speakers

Stereo speakers

Microphones

Dual microphones for calls, video recording and audio recording

Mobile and Wireless

All models

Wi-Fi (802.11a/b/g/n/ac); dual band (2.4GHz and 5GHz); HT80 with MIMO
Bluetooth 4.2 technology

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 (Bands 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)
Data only
Wi-Fi calling
eSIM

SIM Card

Nano-SIM (supports Apple SIM)
eSIM

Location

All models

Digital compass
Wi-Fi
iBeacon micro-location

Wi-Fi + Cellular models

Built-in GPS/GNSS
Mobile data

Sensors

Touch ID
Three-axis gyro
Accelerometer
Barometer
Ambient light sensor

Touch ID

Unlock iPad
Secure personal data within apps
Make purchases from the iTunes Store, App Store and Apple Books

Apple Pay

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

Siri

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

Power and Battery

All models

Built-in 32.4-watt-hour rechargeable lithium-polymer battery
Up to 10 hours of surfing the web on Wi-Fi or watching video
Charging via power adapter or USB to computer system

Wi-Fi + Cellular models

Up to 9 hours of surfing the web using a mobile data network

Operating System

iPadOS 14

iPadOS comes with powerful features and built-in apps designed to take advantage of the unique capabilities of iPad.

Accessibility

Accessibility features help people with disabilities get the most out of their new iPad. With built-in support for vision, hearing, mobility and learning, you can create and do amazing things.

Features include:

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

System Requirements

Apple ID (required for some features)

Internet access

Syncing to a Mac or PC requires:

macOS Catalina 10.15 using the Finder

macOS El Capitan 10.11.6 to macOS Mojave 10.14.6 using iTunes 12.8 or later

Windows 7 or later using iTunes 12.10 or later

Environmental Requirements

Operating ambient temperature: 0° to 35° C (32° to 95° F)

Non-operating temperature: -20° to 45° C (-4° to 113° F)

Relative humidity: 5% to 95% non-condensing

Operating altitude: tested up to 3,000 metres (10,000 feet)