

iPad Air Wi-Fi / Wi-Fi + Cellular

Technical Specifications

Finish



Space Gray

Silver

Gold

Capacity

64GB

256GB

Size and Weight

Width:	6.8 inches
Height:	9.8 inches
Depth:	0.24 inches
Weight (Wi-Fi)	1.0 pounds
Weight (Wi-Fi + Cellular)	1.02 pounds

In the Box

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

Display

- Retina display
- 10.5-inch (diagonal) LED-backlit Multi-Touch display
- 2224-by-1668 resolution at 264 pixels per inch (ppi)
- Wide color display (P3)
- True Tone display
- Fingerprint-resistant oleophobic coating
- Fully laminated display
- Antireflective coating
- 1.8% reflectivity
- 500 nits brightness
- Supports Apple Pencil

Chip

- A12 Bionic chip with 64-bit architecture
- Neural Engine
- Embedded M12 coprocessor

Camera

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

Video Recording

- 1080p HD video recording
- Slo-mo
- Time-lapse video with stabilization
- Video image stabilization
- 3x video zoom
- Video geotagging

FaceTime HD Camera

- 7-megapixel photos
- 1080p HD video recording
- Retina Flash
- Wide color capture for photos and Live Photos
- Auto HDR for photos and videos
- Backside illumination
- Burst mode
- Exposure control
- Timer mode

Cellular and Wireless

All models

- Wi-Fi
- Bluetooth

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, 46, 66, 71)
- Data only
- Wi-Fi calling

SIM Card

- Nano-SIM (supports Apple SIM)
- eSIM

Location

All models

- 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

- 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
- Send and receive money in Messages

Siri

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

Operating System

iPadOS

Accessibility

- VoiceOver
- Voice Control
- 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 or later using iTunes 12.8 or later
 - Windows 7 or later using iTunes 12.10 or later

Audio Playback

User-configurable maximum volume limit

TV and Video

- AirPlay Mirroring, photos, audio, and video out to Apple TV (2nd generation or later)
- Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately)