

iPad

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Finish



Silver



Gold



Space Gray

Models



Wi-Fi



Wi-Fi + Cellular

Capacity¹

Wi-Fi

32GB

128GB

Wi-Fi + Cellular

32GB

128GB

Size and Weight²

Height: 9.4 inches (240 mm)

Width: 6.6 inches (169.5 mm)

Depth: 0.29 inch (7.5 mm)

Weight: 1.03 pounds (469 g)

Height: 9.4 inches (240 mm)

Width: 6.6 inches (169.5 mm)

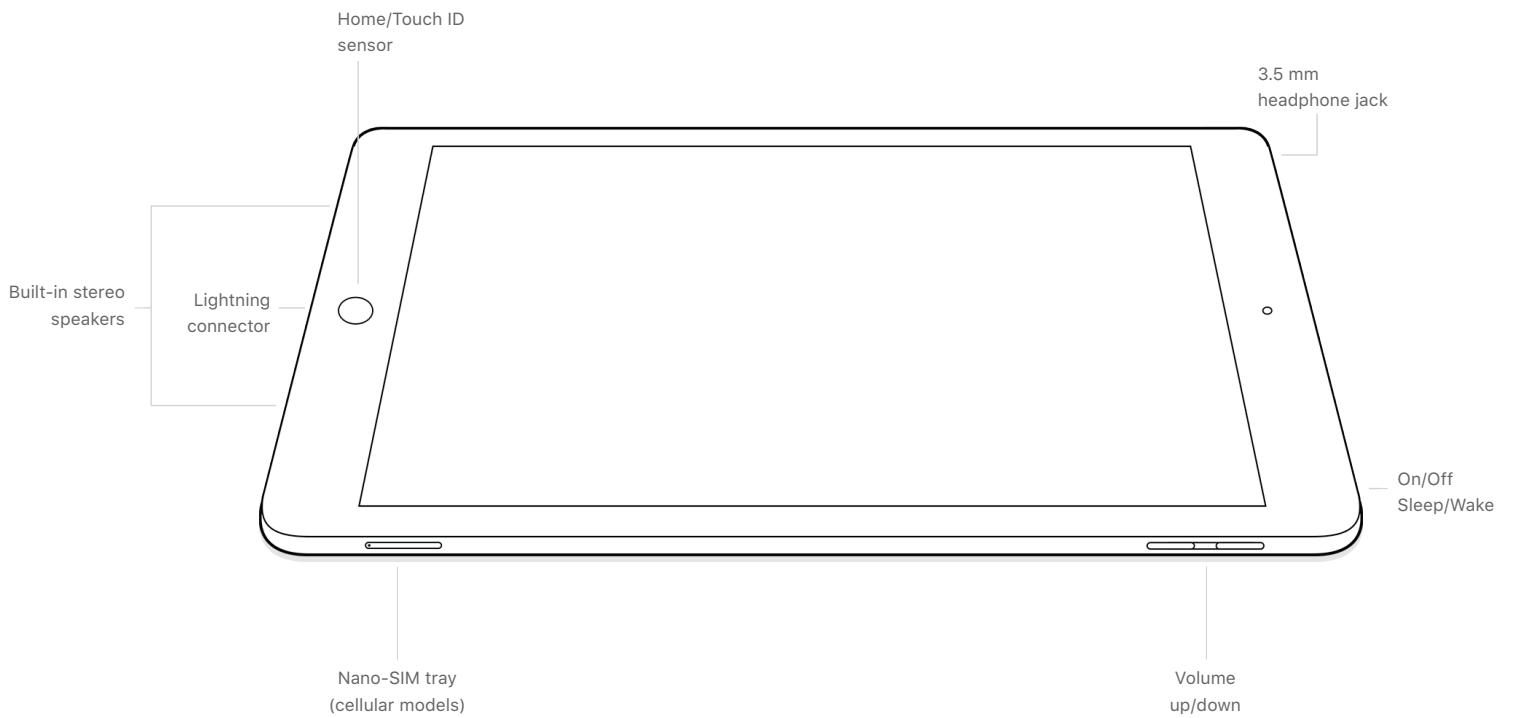
Depth: 0.29 inch (7.5 mm)

Weight: 1.05 pounds (478 g)

9.4 inches
(240 mm)



Buttons and Connectors



Connector

Lightning

In the Box

iPad
Lightning to USB Cable
USB Power Adapter

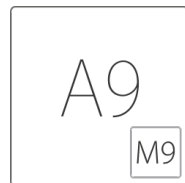


Display

Retina display

9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology
2048-by-1536-pixel resolution at 264 ppi
Fingerprint-resistant oleophobic coating

Chip



A9 chip with 64-bit architecture
Embedded M9 coprocessor

Cameras, Photos, and Video Recording

Camera

8-megapixel camera
Autofocus
Panorama (up to 43 megapixels)
HDR for photos
Exposure control
Burst mode
Tap to focus
Timer mode
 $f/2.4$ aperture
Five-element lens
Hybrid IR filter
Backside illumination
Auto image stabilization
Face detection
Photo geotagging

Video Recording

1080p HD video recording (30 fps)
Slo-mo (120 fps)
Time-lapse video with stabilization
Video image stabilization
Face detection
3x video zoom
Video geotagging

FaceTime HD Camera

1.2-megapixel photos
 $f/2.2$ aperture
720p HD video recording
Backside illumination
HDR for photos and videos
Face detection
Burst mode
Exposure control
Timer mode

Video Calling³

FaceTime video
iPad to any FaceTime-enabled device over Wi-Fi

FaceTime video
iPad to any FaceTime-enabled device over Wi-Fi or cellular

Audio Calling³

FaceTime audio
iPad to any FaceTime-enabled device over Wi-Fi

FaceTime audio
iPad to any FaceTime-enabled device over Wi-Fi or cellular

Carriers



Cellular and Wireless

Wi-Fi model

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

Wi-Fi + Cellular model

Wi-Fi (802.11a/b/g/n/ac); dual band (2.4GHz and 5GHz); HT80 with MIMO
Bluetooth 4.2 technology
UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz)
CDMA EV-DO Rev. A and Rev. B (800, 1900 MHz)
LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 29, 38, 39, 40, 41)⁴
Data only⁵
Wi-Fi calling⁴
Includes Apple SIM
[Learn more about Apple SIM >](#)

SIM Card

Nano-SIM (supports Apple SIM)

Location

Digital compass

Wi-Fi

iBeacon microlocation

Digital compass

Wi-Fi

Assisted GPS and GLONASS

Cellular

iBeacon microlocation

Sensors

Touch ID

Three-axis gyro

Accelerometer

Barometer

Ambient light sensor

Touch ID

Fingerprint identity sensor built into the Home button

Apple Pay

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

[Learn more about Apple Pay >](#)

Siri⁶

Use your voice to send messages, set reminders, and more

Use hands-free

Listen and identify songs

[Learn more about Siri >](#)

Power and Battery⁷

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

Charging via power adapter or USB to

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

computer system

cellular data network

Charging via power adapter or USB to
computer system

Operating System



iOS 10

With an all-new design and all-new features, iOS 10 is the world's most advanced mobile OS. It brings your iPad to life in more intelligent and expressive ways than ever.

[See what's new in iOS 10 >](#)

iOS 10 includes:

- AirDrop
- AirPlay
- AirPrint
- Control Center
- Notification Center
- Siri
- Spotlight Search
- Apple Music
- Family Sharing
- iCloud Drive
- Multitasking
- QuickType Keyboard
- Night Shift

Accessibility

Accessibility features help people with disabilities get the most out of their new iPad. With built-in support for vision, hearing, physical and motor skills, and learning and literacy, you can create and do amazing things. [Learn more >](#)

Features include:

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

Built-in Apps

Built-in apps are an essential part of your iPad experience and are efficiently designed to use less than 200MB of storage.



Camera



Photos



Messages



FaceTime



Mail



Music



Safari



Maps



Siri



Calendar



iTunes Store



App Store



Notes



Contacts



iBooks



Home



Reminders



Clock



TV



News



Photo Booth



Podcasts



Find My iPhone



Find My Friends



iCloud Drive

Free Apps from Apple⁸

Pages, Numbers, Keynote, iMovie, GarageBand, and iTunes U are preinstalled on iPad models with a capacity of 32GB or higher.



Pages



Numbers



Keynote



iMovie



GarageBand



iTunes U



Apple Store



Trailers



Remote



Music Memos

System Requirements

Apple ID (required for some features)

Internet access⁹

Syncing with iTunes on a Mac or PC requires:

- Mac: OS X 10.8.5 or later
- PC: Windows 7 or later
- iTunes 12.3 or later (free download from www.itunes.com/download)

Languages

Language support

English (Australia, Canada, UK, U.S.), Chinese (Simplified, Traditional, Traditional Hong Kong), French (Canada, France), German, Italian, Japanese, Korean, Spanish (Latin America, Mexico, Spain), Arabic, Catalan, Croatian, Czech, Danish, Dutch, Finnish, Greek, Hebrew, Hindi, Hungarian, Indonesian, Malay, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese

QuickType keyboard support

English (Australia, Canada, India, Singapore, UK, U.S.), Chinese - Simplified (Handwriting, Pinyin, Stroke), Chinese - Traditional (Cangjie, Handwriting, Pinyin, Stroke, Sucheng, Zhuyin), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese (Kana, Romaji), Korean, Spanish (Latin America, Mexico, Spain), Arabic, Bengali, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Filipino, Finnish, Flemish, Greek, Gujarati, Hawaiian, Hebrew, Hindi (Devanagari, Transliteration), Hinglish, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Marathi, Norwegian, Polish, Portuguese (Brazil, Portugal), Punjabi, Romanian, Russian, Serbian (Cyrillic, Latin), Slovak, Slovenian, Swedish, Tamil (Script, Transliteration), Telugu, Thai, Turkish, Ukrainian, Urdu, Vietnamese

QuickType keyboard support with predictive input¹⁰

English (Australia, Canada, India, Singapore, UK, U.S.), Chinese (Simplified, Traditional), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese, Korean, Russian, Spanish (Latin America, Mexico, Spain), Portuguese (Brazil, Portugal), Thai, Turkish

Siri languages

English (Australia, Canada, India, Ireland, New Zealand, Singapore, South Africa, UK, U.S.), Spanish (Chile, Mexico, Spain, U.S.), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Mainland China, Hong Kong), Arabic (Saudi Arabia, United Arab Emirates), Danish (Denmark), Dutch (Belgium, Netherlands), Finnish (Finland), Hebrew (Israel), Malay (Malaysia), Norwegian (Norway), Russian (Russia), Swedish (Sweden), Turkish (Turkey), Thai (Thailand), Portuguese (Brazil)

Dictation languages

English (Australia, Canada, India, Ireland, Malaysia, New Zealand, Philippines, Saudi Arabia, Singapore, South Africa, UAE, UK, U.S.), Spanish (Chile, Colombia, Mexico, Spain, U.S.), French (Belgium, Canada, France, Luxembourg, Switzerland), German (Austria, Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong), Arabic (Kuwait, Saudi Arabia, Qatar, UAE), Catalan, Croatian, Czech, Danish, Dutch (Belgium, Luxembourg, Netherlands), Finnish, Greek, Hebrew, Hungarian, Indonesian, Malaysian, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovakian, Swedish, Turkish, Thai, Ukrainian, Vietnamese

Definition dictionary support

English, Chinese (Simplified, Traditional), Danish, Dutch, French, German, Hindi, Italian, Japanese, Korean, Norwegian, Portuguese (Brazil), Russian, Spanish, Swedish, Thai, Turkish

Bilingual dictionary support

Chinese (Simplified), Dutch, French, German, Italian, Japanese, Korean, Spanish

Spell check

English (Australia, Canada, UK, U.S.), French, German, Italian, Spanish, Danish, Dutch, Finnish, Korean, Norwegian, Polish, Portuguese (Brazil, Portugal), Russian, Swedish, Turkish

Audio Playback

Frequency response: 20Hz to 20,000Hz

Audio formats supported: AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), HE-AAC, MP3 (8 to 320 Kbps), MP3 VBR, Dolby Digital (AC-3), Dolby Digital Plus (E-AC-3), Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV

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)

Video formats supported: H.264 video up to 4K, 30 frames per second, High Profile level 4.2 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio or Dolby Audio up to 1008 Kbps, 48kHz, stereo or multichannel audio, in .m4v, .mp4, and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio or Dolby Audio up to 1008 Kbps, 48kHz, stereo or multichannel audio, in .m4v, .mp4, and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format

Mail Attachment Support**Viewable document types**

.jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel); .zip; .ics

Environmental Requirements

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

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

Relative humidity: 5% to 95% noncondensing

Operating altitude: tested up to 10,000 feet (3000 m)



iPad Pro Tech Specs

[Learn more >](#)

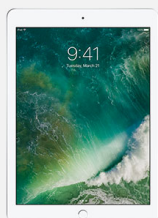


iPad mini 4 Tech Specs

[Learn more >](#)

Find the iPad that's right for you.

[Compare iPad models >](#)



iPad

- 9.7-inch Retina display
- Up to 10-hour battery life
- Up to 128GB storage capacity



iPad Pro

- 9.7- or 12.9-inch Retina display
- Up to 10-hour battery life
- Up to 256GB storage capacity
- Compatible with Apple Pencil and Smart Keyboard
- [Learn more about iPad Pro >](#)



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- Available space is less and varies due to many factors. A standard configuration uses approximately 4GB to 6GB of space (including iOS and built-in apps) depending on the model and settings.
- Size and weight vary by configuration and manufacturing process.
- FaceTime calling requires a FaceTime-enabled device for the caller and recipient and a Wi-Fi connection. Availability over a cellular network depends on carrier policies; data charges may apply.
- Data plan required. LTE and Wi-Fi calling are available in select markets and through select carriers. Speeds are based on theoretical throughput and vary based on site conditions and carrier. For details on LTE support, contact your carrier and see www.apple.com/ipad/LTE.
- Cellular data plan is sold separately. The model you purchase is configured to work with a particular cellular network technology. Check with your carrier for compatibility and cellular data plan availability.
- Siri may not be available in all languages or in all areas, and features may vary by area. Internet access required. Cellular data charges may apply.
- Testing conducted by Apple in February 2017 using preproduction iPad (9.7-inch) units and software. Testing consisted of full battery discharge while performing each of the following tasks: video playback, audio playback, and Internet browsing using Wi-Fi or cellular data network. Video content was a repeated 2-hour 23-minute movie purchased from the iTunes Store. Audio content was a playlist of 358 unique audio tracks purchased from the iTunes Store. Internet over Wi-Fi and cellular data network tests were conducted using dedicated web and mail servers, browsing snapshot versions of 20 popular web pages, and receiving mail once an hour. All settings were default except: Wi-Fi was associated with a network (except for Internet browsing over cellular data network); the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off; Brightness was set to 50%; and WPA2 encryption was enabled. Battery life depends on device settings, usage, and many other factors. Battery tests are conducted using specific iPad units; actual results may vary.
- iMovie, Pages, Numbers, and Keynote are free on the App Store for qualifying devices with initial activation on or after September 1, 2013. GarageBand is free on the App Store for qualifying devices with initial activation on or after September 1, 2014. Downloading apps requires an Apple ID and a device that is compatible with the iOS version required for each app.
- Wireless broadband recommended; fees may apply.
- Customized suggestions based on recipient and app are not available for Chinese (Simplified, Traditional), Japanese, Korean, and Thai. Some features may not be available for all countries or all areas. [Click here to see complete list.](#)

 > iPad > iPad 9.7-inch > Technical Specifications

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- Mac
- iPad
- iPhone
- Watch
- TV
- Music
- iTunes
- iPod
- Accessories
- Gift Cards

Apple Store

- Find a Store
- Genius Bar
- Workshops and Learning
- Youth Programs
- Apple Store App
- Refurbished and Clearance
- Financing
- Reuse and Recycling
- Order Status
- Shopping Help

For Education

- Apple and Education
- Shop for College

For Business

- Apple and Business
- Shop for Business

Account

- Manage Your Apple ID
- Apple Store Account
- iCloud.com

Apple Values

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- Education
- Environment
- Inclusion and Diversity
- Privacy
- Supplier Responsibility

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- Job Opportunities
- Press Info
- Investors
- Events
- Contact Apple

More ways to shop: Visit an [Apple Store](#), call 1-800-MY-APPLE, or [find a reseller](#).