Finish

Silver · · · · · · Space Gray · · · · · · Gold

Capacity[1]

32GB

128GB

Size and Weight[2]

9.8 inches
(250.6 mm)

6.8 inches
(174.1 mm)

0.29 inch
(7.5 mm)
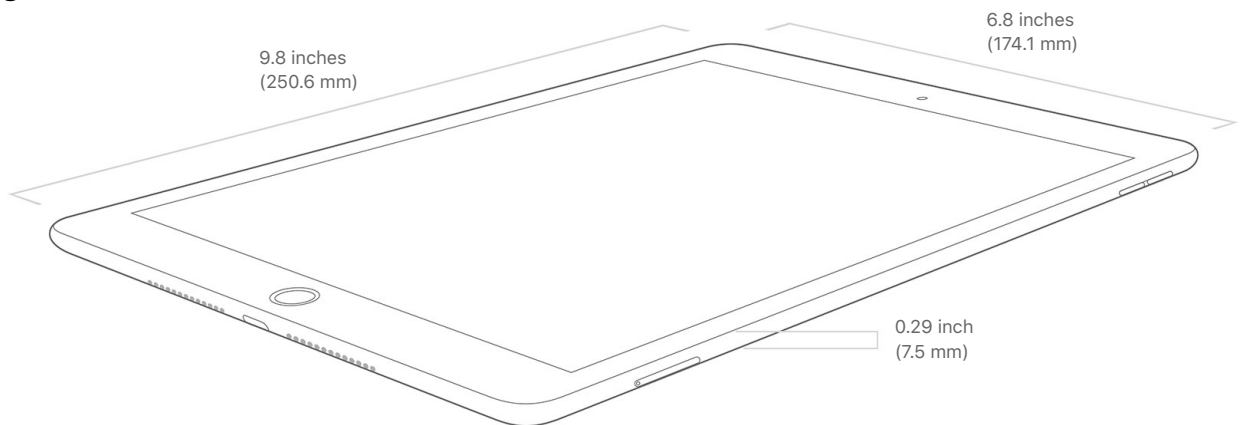
Wi-Fi models
1.07 pounds (483 grams)

Wi-Fi + Cellular models
1.09 pounds (493 grams)

Buttons and Connectors

Smart Connector

3.5 mm headphone jack

Stereo speakers

Home/Touch ID sensor

On/Off Sleep/Wake

Lightning connector

Nano-SIM tray (cellular models)

Volume up/down

Dual microphones
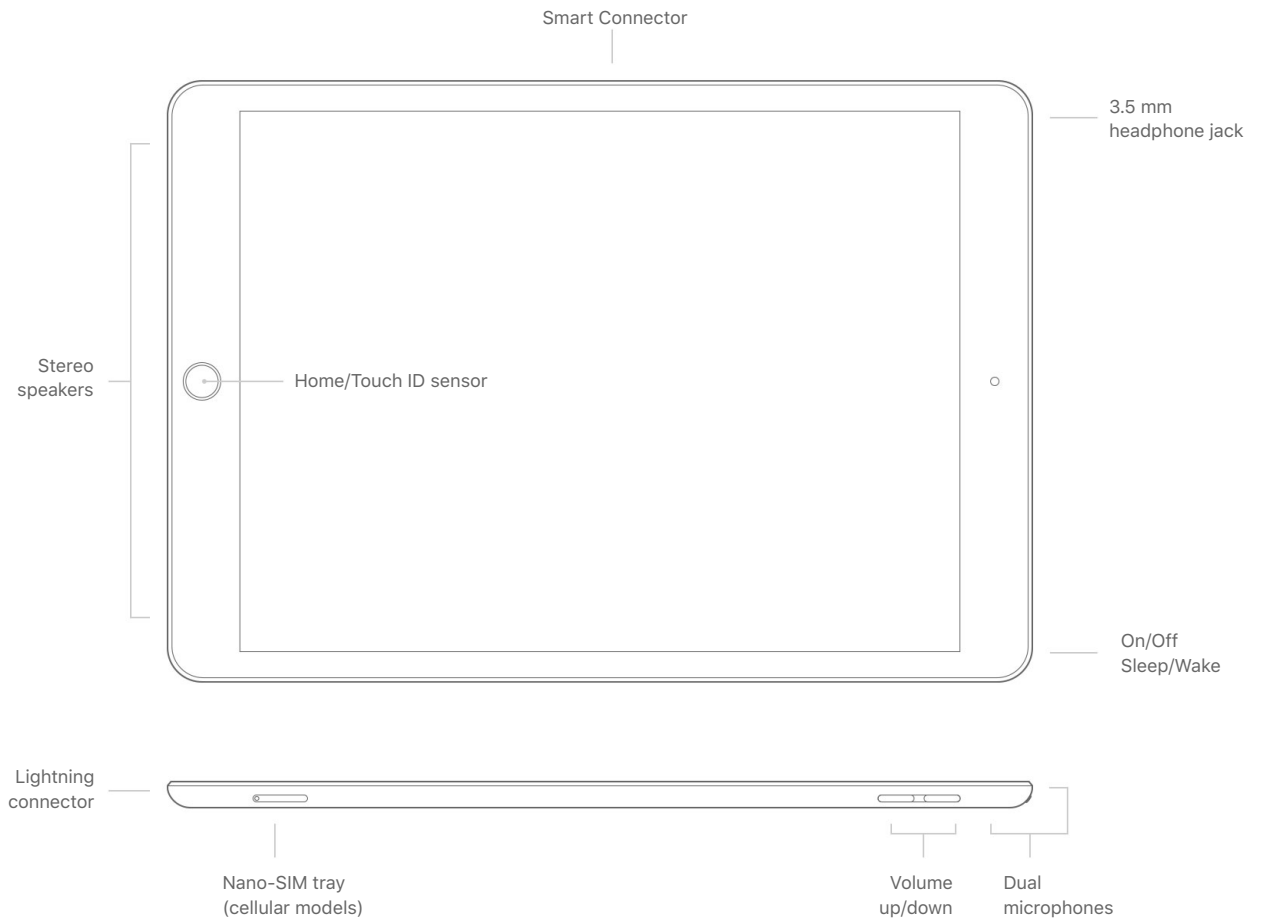
In the Box

iPad

Lightning to USB Cable

USB Power Adapter

Display

10.2"
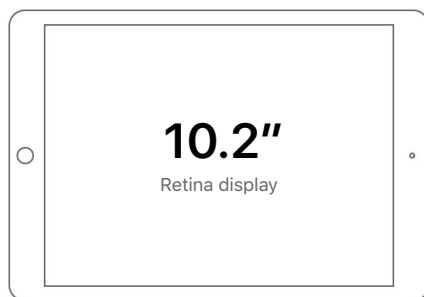
Retina display

Retina display

10.2-inch (diagonal) LED-backlit Multi-Touch display with IPS technology

2160-by-1620-pixel resolution at 264 pixels per inch (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

ƒ/2.4 aperture

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 at 30 fps

Slo-mo video support for 720p at 120 fps

Time-lapse video with stabilization

Video image stabilization

Body and face detection

3x video zoom

Video geotagging

FaceTime HD Camera

1.2-megapixel photos

ƒ/2.2 aperture

Retina Flash

Backside illumination

Live Photos

720p HD video recording

HDR for photos and videos

Body and face detection

Burst mode

Exposure control

Timer mode

Video Calling[3]

FaceTime video

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

Audio Calling[3]

FaceTime audio

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

Speakers

Stereo speakers

Microphones

Dual microphones for calls, video recording, and audio recording

Cellular 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)[4]

Data only[5]

Wi-Fi calling[4]

eSIM[6]

Learn more about cellular data ›

SIM Card

Nano-SIM (supports Apple SIM[6])

eSIM[6]

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

Learn more about Apple Pay ›

Siri[7]

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

Get proactive suggestions

Use hands-free

Listen and identify songs

Learn more about Siri ›

Power and Battery[8]

All models

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 computer system

Wi-Fi + Cellular models

Up to 9 hours of surfing the web using cellular data network

Operating System

iPadOS

iPadOS

iPadOS comes with powerful features and built-in apps designed to take advantage of the unique capabilities of iPad.*
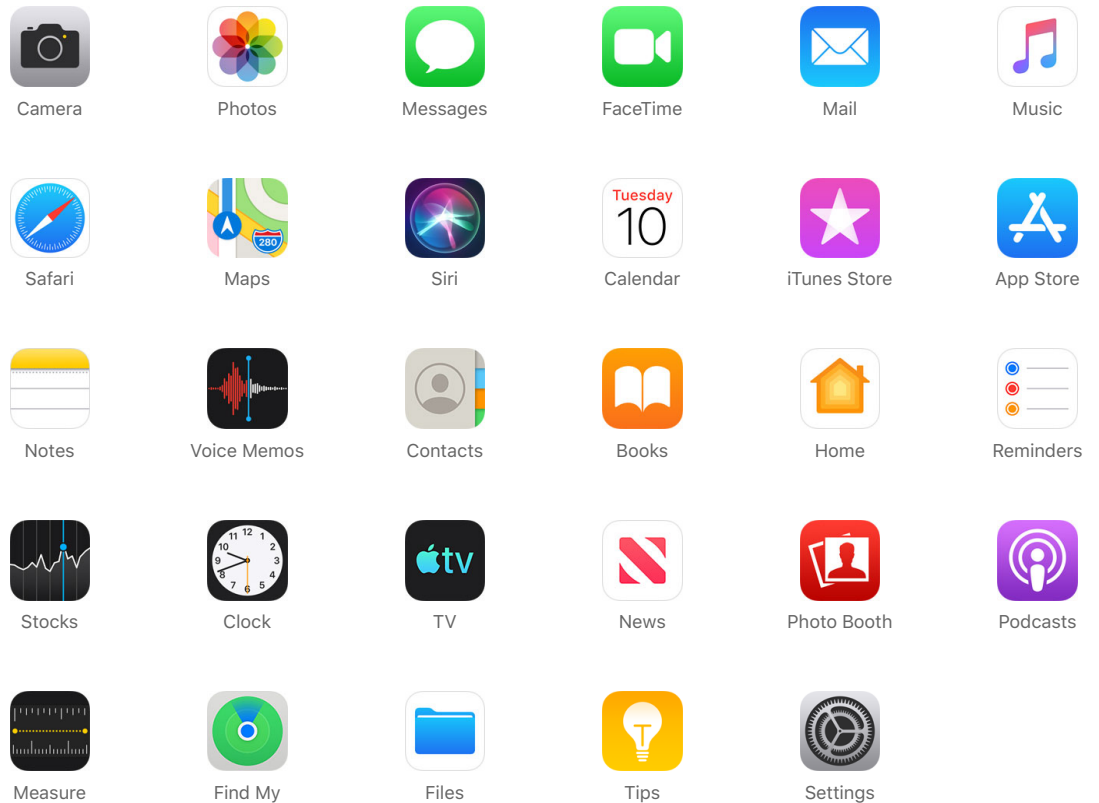
See what's new in iPadOS ›

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.
Learn more ›

Features include:

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

Built-in Apps

Camera	Photos	Messages	FaceTime	Mail	Music
Safari	Maps	Siri	Calendar	iTunes Store	App Store
Notes	Voice Memos	Contacts	Books	Home	Reminders
Stocks	Clock	TV	News	Photo Booth	Podcasts
Measure	Find My	Files	Tips	Settings	

Free Apps from Apple

Pages, Numbers, Keynote, iMovie, GarageBand, iTunes U, Clips, Shortcuts, and Apple Store app are preinstalled on iPad.

Pages	Numbers	Keynote	iMovie	GarageBand	iTunes U
Apple Store	Trailers	Remote	Music Memos	Clips	Swift Playgrounds
Shortcuts	Support				

System Requirements

Apple ID (required for some features)

Internet access[9]

Syncing to a Mac or PC requires:

- macOS Catalina 10.15 using the Finder
- macOS El Capitan 10.11.6 through macOS Mojave 10.14.6 using iTunes 12.8 or later
- Windows 7 or later using iTunes 12.10 or later (free download from www.itunes.com/download)

Languages

Language support
English (Australia, 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 QWERTY, Pinyin 10 Key, Shuangpin, Stroke), Chinese - Traditional (Cangjie, Handwriting, Pinyin QWERTY, Pinyin 10 Key, Shuangpin, Stroke, Sucheng, Zhuyin), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese (Kana, Romaji), Korean (2-Set, 10 Key), Spanish (Latin America, Mexico, Spain), Albanian, Arabic (Modern Standard, Najdi), Armenian, Assamese, Azerbaijani, Bangla, Belarusian, Bodo, Bulgarian, Burmese, Cantonese - Traditional (Cangjie, Handwriting, Stroke, Sucheng), Catalan, Cherokee, Croatian, Czech, Danish, Dhivehi, Dogri, Dutch, Emoji, Estonian, Faroese, Filipino, Finnish, Flemish, Georgian, Greek, Gujarati, Hawaiian, Hebrew, Hindi (Devanagari, Latin, Transliteration), Hungarian, Icelandic, Indonesian, Irish, Kannada, Kashmiri (Arabic, Devanagari), Kazakh, Khmer, Konkani (Devanagari), Kurdish (Arabic, Latin), Kyrgyz, Lao, Latvian, Lithuanian, Macedonian, Maithili (Bangla), Malay (Arabic, Latin), Malayalam, Maltese, Manipuri (Bangla, Meetei Mayek), Maori, Marathi, Mongolian, Nepali, Norwegian, Odia, Pashto, Persian, Polish, Portuguese (Brazil,

Portugal), Punjabi, Romanian, Russian, Sanskrit, Santali (Devanagari, Ol Chiki), Serbian (Cyrillic, Latin), Sindhi (Arabic, Devanagari), Sinhala, Slovak, Slovenian, Swahili, Swedish, Tajik, Tamil (Anjal, Tamil 99), Telugu, Thai, Tibetan, Tongan, Turkish, Turkmen, Ukrainian, Urdu, Uyghur, Uzbek (Arabic, Cyrillic, Latin), Vietnamese, Welsh

QuickType keyboard support with predictive input
English (Australia, Canada, India, Singapore, UK, U.S.), Chinese (Simplified, Traditional), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Italian, Japanese, Korean, Spanish (Latin America, Mexico, Spain), Arabic (Najdi), Cantonese (Traditional), Dutch, Hindi (Devanagari, Latin), Portuguese (Brazil, Portugal), Russian, Swedish, Thai, Turkish, Vietnamese

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 (China mainland, Taiwan), Cantonese (China mainland, Hong Kong), Arabic (Saudi Arabia, United Arab Emirates), Danish (Denmark), Dutch (Belgium, Netherlands), Finnish (Finland), Hebrew (Israel), Malay (Malaysia), Norwegian (Norway), Portuguese (Brazil), Russian (Russia), Swedish (Sweden), Thai (Thailand), Turkish (Turkey)

Dictation languages
English (Australia, Canada, India, Indonesia, Ireland, Malaysia, New Zealand, Philippines, Saudi Arabia, Singapore, South Africa, United Arab Emirates, UK, U.S.), Spanish (Argentina, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Panama, Paraguay, Peru, Spain, Uruguay, U.S.), French (Belgium, Canada, France, Luxembourg, Switzerland), German (Austria, Germany, Luxembourg, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (China mainland, Taiwan), Cantonese (China mainland, Hong Kong, Macao), Arabic (Kuwait, Qatar, Saudi Arabia, United Arab Emirates), Catalan, Croatian, Czech, Danish, Dutch (Belgium, Netherlands), Finnish, Greek, Hebrew, Hindi (India), Hungarian, Indonesian, Malaysian, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Shanghainese (China mainland), Slovakian, Swedish, Thai, Turkish, Ukrainian, Vietnamese

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

Thesaurus
English (UK, US)

Bilingual dictionary support with English
Arabic, Chinese (Simplified, Traditional), French, German, Italian, Japanese, Spanish, Korean, Dutch, Hindi, Portuguese, Russian, Thai, Vietnamese

Spell check
English, French, German, Italian, Spanish, Danish, Dutch, Finnish, Korean, Norwegian, Polish, Portuguese, Russian, Swedish, Turkish

Audio Playback

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:
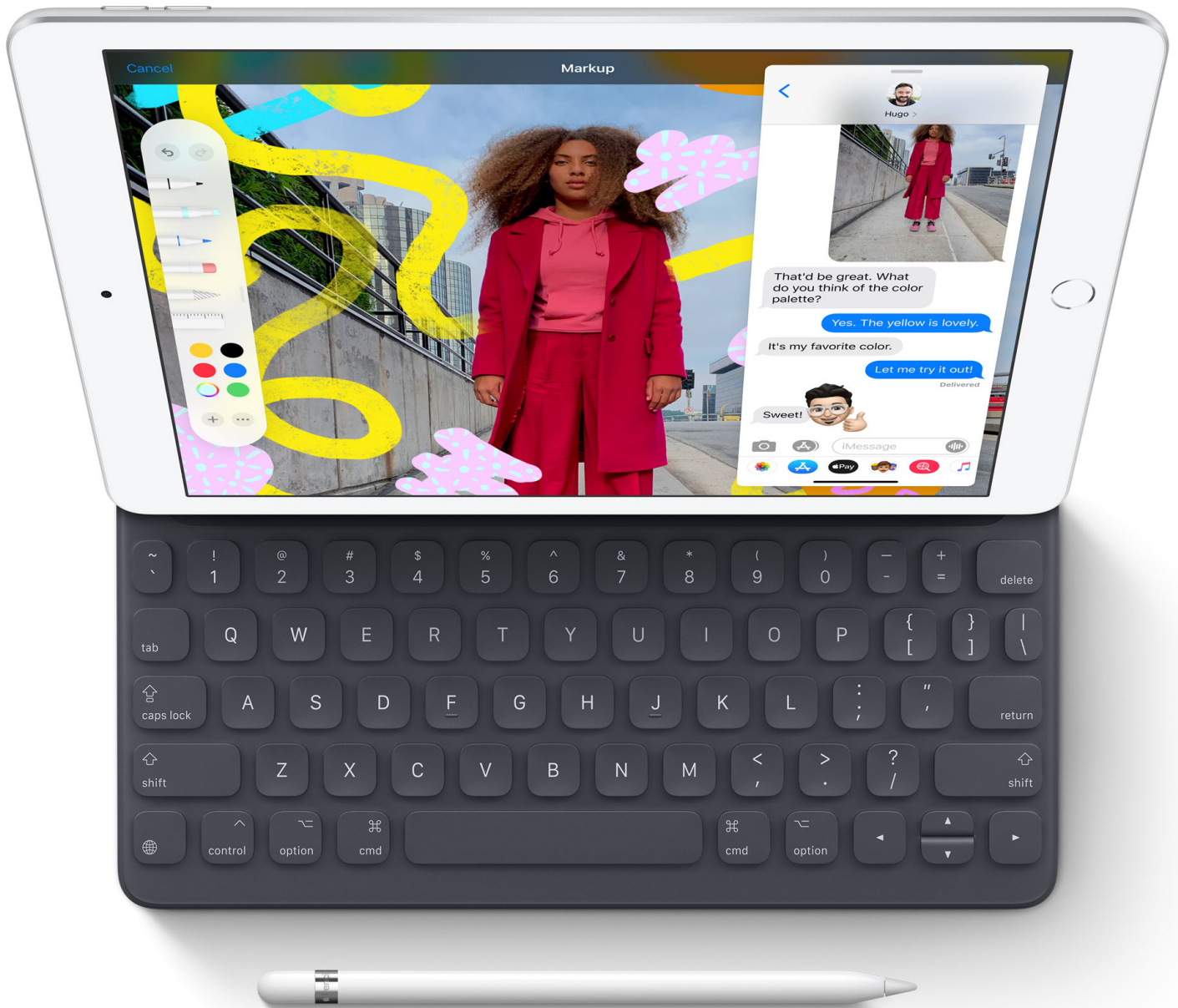32° to 95° F (0° to 35° C)

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)

Smart Keyboard

Type on a full-size keyboard when you need one and fold it up into a slim, lightweight cover when you're done. No charging or pairing required.

Buy ›

Apple Pencil

Jot down notes, mark up documents and photos, and draw and create whenever inspiration strikes.
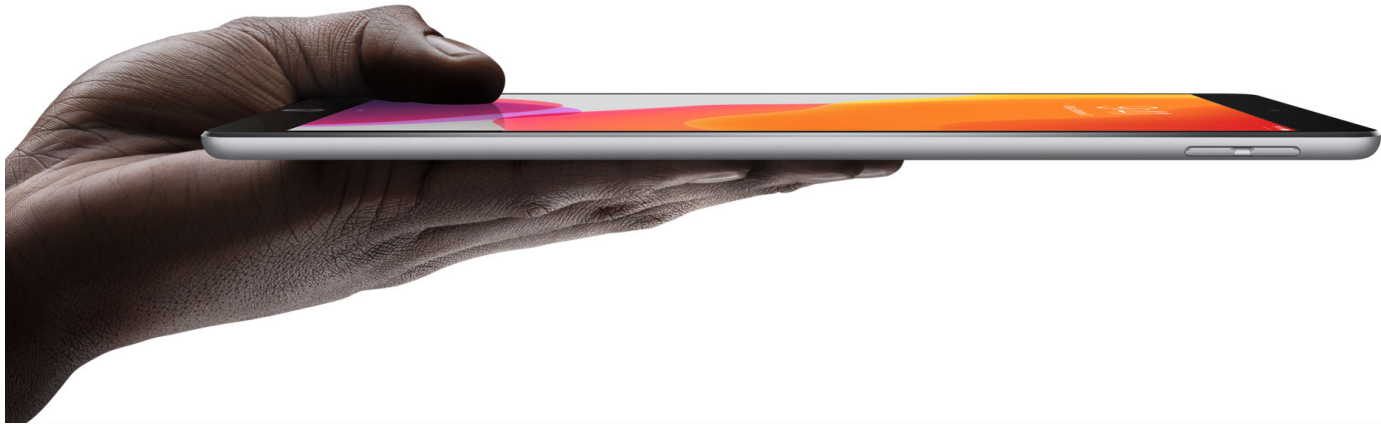
Buy ›

Accessories

Explore cases, headphones, speakers, and more.

Shop iPad Accessories ›

Trade in your iPad and get up to $335 toward a new one.

You can get up to $335 in credit when you trade in your iPad.
Get an instant estimate of its trade-in value now, then send it in
by mail or bring it to an Apple Store.**

Find your trade-in value ›

Compare iPad models

iPad Pro
Starting at $799

12.9" and 11"
Liquid Retina display

A12X Bionic chip

Face ID

Up to 1TB storage

Support for Apple Pencil
(2nd generation)

Support for
Smart Keyboard Folio

iPad Air
Starting at $499

10.5" Retina display

A12 Bionic chip

Touch ID

Up to 256GB storage

Support for Apple Pencil
(1st generation)

Support for Smart Keyboard

iPad
Starting at $329

10.2" Retina display

A10 Fusion chip

Touch ID

Up to 128GB storage

Support for Apple Pencil
(1st generation)

Support for Smart Keyboard

iPad mini
Starting at $399

7.9" Retina display

A12 Bionic chip

Touch ID

Up to 256GB storage

Support for Apple Pencil
(1st generation)

Find the right iPad for you ›

Free delivery
Or pick up available items at an Apple Store.

Learn more ›

Find the card for you
Get 3% Daily Cash with Apple Card or get special financing.

Learn more ›

Get help buying
Have a question? Call a Specialist or chat online. Call 1-800-MY-APPLE.

Contact us ›

Personal Setup
We'll show you how to get the most out of your new iPad, online or in store.

Learn more ›

* Some features will be available on September 30, 2019, with iPadOS.

** Trade-in values may vary based on the condition and model of your iPad trade-in. Must be at least 18. Offer may not be available in all stores and not all devices are eligible for credit. Apple reserves the right to refuse or limit the quantity of any device for any reason. Value of your current device may be applied toward purchase of a new Apple device. Additional terms at www.apple.com/shop/trade-in.

1. Available space is less and varies due to many factors. A standard configuration uses approximately 10GB to 12GB of space (including iOS 12 and preinstalled apps) depending on the model and settings. Preinstalled apps use about 4GB, and you can delete these apps and restore them. Storage capacity subject to change based on software version and may vary by device.

2. Size and weight vary by configuration and manufacturing process.

3. 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.

4. Data plan required. Gigabit-class 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 apple.com/ipad/LTE.

5. 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.

6. Not all carriers support Apple SIM and eSIM. See your carrier for details. Not available in China mainland.

7. 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.

8. Testing conducted by Apple in August 2019 using preproduction iPad (7th generation) 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.

9. Wireless broadband recommended; fees may apply.

Shop and Learn

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iPad

iPhone

Watch

TV

Music

AirPods

HomePod

iPod touch

Accessories

Gift Cards

Services

Apple Music

Apple News+

Apple TV+

Apple Arcade

Apple Card

iCloud

Account

Manage Your Apple ID

Apple Store Account

iCloud.com

Apple Store

Find a Store

Genius Bar

Today at Apple

Apple Camp

Field Trip

Apple Store App

Refurbished and Clearance

Financing

Apple Trade In

Order Status

Shopping Help

For Business

Apple and Business

Shop for Business

For Education

Apple and Education

Shop for College

For Healthcare

Apple in Healthcare

Health on Apple Watch

Health Records on iPhone

For Government

Shop for Government

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