

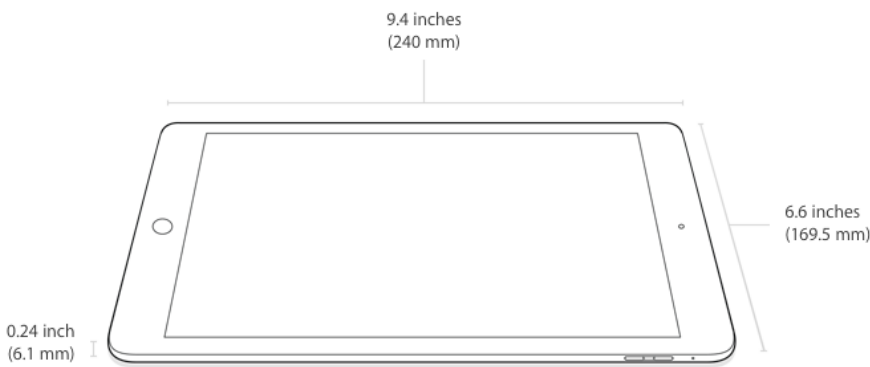
Weight and Dimensions²

Height: 9.4 inches (240 mm)

Width: 6.6 inches (169.5 mm)

Depth: 0.24 inch (6.1 mm)

Weight: 0.96 pound (437 g)



Display

Retina display

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

2048-by-1536-pixel resolution at 264 ppi

Fingerprint-resistant oleophobic coating

Fully laminated display

Antireflective coating

Chip



A8X chip with 64-bit architecture
M8 motion coprocessor

Cameras, Photos, and Video Recording

iSight Camera

8MP iSight camera

Autofocus

f/2.4 aperture

Five-element lens

Hybrid IR filter

Backside illumination

Improved face detection

Exposure control

Photo burst (up to 10 FPS)

Video Recording

1080p HD video recording (30 fps)

Slo-mo (120 fps)

Time-lapse video

Video image stabilization

Improved face detection

3x video zoom

Video geotagging

FaceTime HD Camera

1.2MP photos

f/2.2 aperture

720p HD video recording

Backside illumination

Auto HDR photos and videos

Improved face detection

Burst mode

Panorama (up to 45MP)

Exposure control

Burst mode

Timer mode

Tap to focus

Photo geotagging

Timer mode

Apple Pay

Pay with your iPad using Touch ID in apps

Touch ID

Fingerprint identity sensor built into the Home button

Wireless

Wi-Fi model

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

Bluetooth 4.0 technology

Location

Digital compass

Wi-Fi

iBeacon microlocation

Video Calling⁵

FaceTime video

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

Audio Calling⁵

FaceTime audio

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

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, 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 1080p, 60 frames per second, High Profile level 5.0 with AAC-LC audio up to 160 Kbps, 48kHz, stereo 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 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

Intelligent Assistant⁶

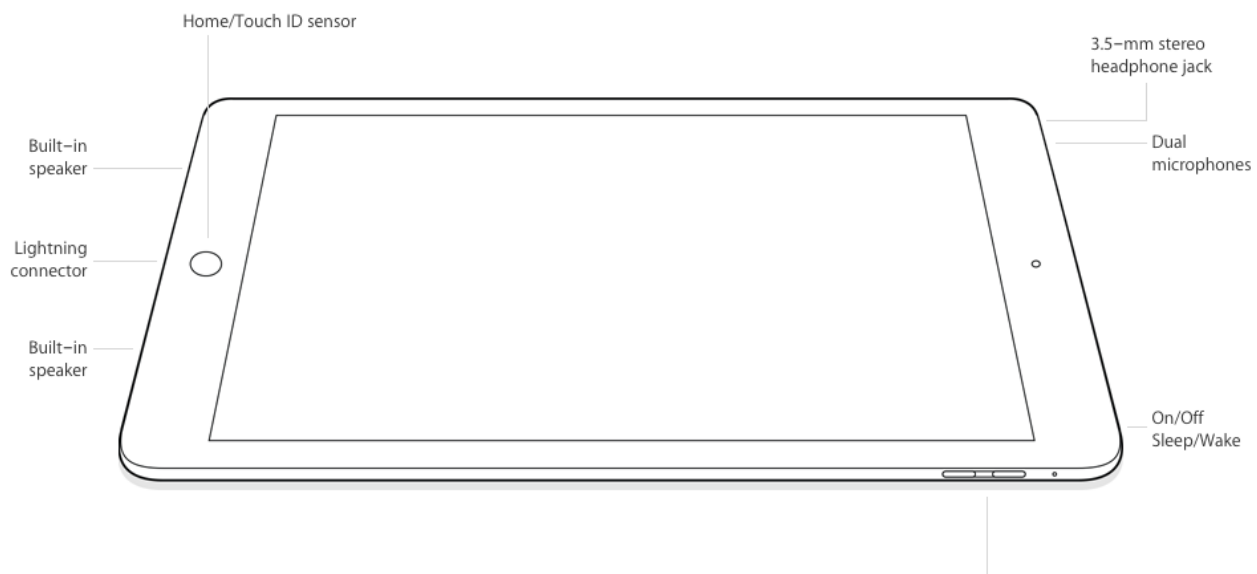
Siri — Use your voice to send messages, set reminders, and more

Use hands-free

Listen and identify songs

[Learn more about Siri >](#)

External Buttons and Connectors



Power and Battery⁷

Built-in 27.3-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

Sensors

Touch ID

Three-axis gyro

Accelerometer

Barometer

Ambient light sensor

Operating System



iOS 8

With amazing new capabilities and updates to features you use every day, iOS 8 is the biggest iOS release ever. [Learn more about iOS 8 >](#)

iOS 8 includes:

- AirDrop
- AirPlay
- Control Center
- Family Sharing
- iCloud Drive
- iTunes Radio
- Multitasking
- Notification Center
- QuickType keyboard
- Siri
- Spotlight Search

Built-in Apps



Camera



Photos



Messages



FaceTime



Mail



Music



Safari



Maps



Siri



Calendar



iTunes Store



App Store



Notes



Contacts



iBooks



Game Center



Reminders



Clock



Videos



Newsstand



Photo Booth



Podcasts

Connector

Lightning

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

System Requirements

Apple ID (required for some features)

Internet access⁹

Syncing with iTunes on a Mac or PC requires:

- Mac: OS X v10.6.8 or later
 - PC: Windows 8; Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later
 - iTunes (free download from www.itunes.com/download)
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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)

Languages

Language support

English (Australia, Canada, UK, U.S.), Chinese (Simplified, Traditional, Traditional Hong Kong), French (Canada, France), German, Italian, Japanese, Korean, Spanish (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, UK, U.S.), Chinese - Simplified (Handwriting, Pinyin, Stroke), Chinese - Traditional (Cangjie, Handwriting, Pinyin, Stroke, Sucheng, Zhuyin), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian, Japanese (Kana, Romaji), Korean, Spanish, Arabic, Bengali, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Filipino, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Icelandic,

Indonesian, Latvian, Lithuanian, Macedonian, Malay, Marathi, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Serbian (Cyrillic, Latin), Slovak, Slovenian, Swedish, Tamil, Thai, Turkish, Ukrainian, Urdu, Vietnamese

QuickType keyboard support with predictive input¹⁰

English (Australia, Canada, India, UK, U.S.), Chinese (Simplified, Traditional), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian, Japanese, Spanish, Portuguese (Brazil), Thai

Siri languages

English (Australia, Canada, UK, U.S.), Spanish (Mexico, Spain, U.S.), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong)

Dictation languages

English (Australia, Canada, India, UK, U.S.), Spanish (Mexico, Spain, U.S.), French (Canada, France, Switzerland), German (Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong), Catalan, Croatian, Czech, Danish, Dutch, Finnish, Greek, Hungarian, Indonesian, Malaysian, Norwegian, Polish, Portuguese (Brazil, Portugal), Romanian, Russian, Slovakian, Swedish, Turkish, Thai, Ukrainian, Vietnamese

Definition dictionary support

English, Chinese (Simplified), French, German, Italian, Japanese, Korean, Spanish, Dutch, Portuguese (Brazil), Russian, Thai, Turkish

Bilingual dictionary support

Simplified Chinese, Japanese, Korean, Spanish

Spell check

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