


Size and Weight ²



Height: 9.4 inches (240 mm)
Width: 6.6 inches (169.5 mm)
Depth: 0.29 inch (7.5 mm)
Weight: 1 pound (469 g)

Display




Retina display

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

2048-by-1536 resolution at 264 pixels per inch (ppi)

Fingerprint-resistant oleophobic coating

Chip



A7 chip with 64-bit architecture and M7 motion coprocessor

Carriers

-

Wireless and Cellular

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

Bluetooth 4.0 technology

Cameras, Photos,
and Video Recording



FaceTime HD Camera

- 1.2MP photos
- 720p HD video
- FaceTime video calling over Wi-Fi or cellular⁵
- Face detection
- Backside illumination
- Tap to control exposure for video or still images
- Photo and video geotagging



Video Recording

- 1080p HD video recording
- Video stabilization
- Face detection
- Tap to focus while recording
- Backside illumination
- 3x video zoom



iSight Camera

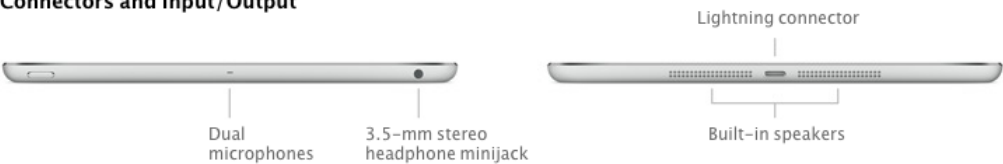
- 5MP photos
- Autofocus
- Face detection
- Backside illumination
- Five-element lens
- Hybrid IR filter
- f/2.4 aperture
- Tap to focus video or still images
- Tap to control exposure for video or still images
- Photo and video geotagging
- HDR photos

External Buttons
and Connectors

External Buttons and Controls



Connectors and Input/Output



Power and Battery⁶

- 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

Input/Output

- 3.5-mm stereo headphone minijack
- Built-in speakers

built-in speakers
Dual microphones

Connector

Lightning



Sensors

Three-axis gyro
Accelerometer
Ambient light sensor

Operating System



iOS 7

With an all-new design and all-new features, iOS 7 is the world's most advanced mobile OS. In its most advanced form. [Learn more about iOS 7 >](#)

iOS 7 includes

- AirDrop
- AirPlay
- AirPrint
- Control Center
- Notification Center
- Siri
- Spotlight Search
- iTunes Radio
- Facebook Integration
- Twitter Integration
- iCloud
- iCloud Keychain
- Multitasking

Built-in Apps



Safari



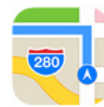
Mail



iBooks



Photos



Maps



FaceTime



Newsstand



Messages



iTunes Store



App Store



Calendar



Music



Videos



Siri



Reminders



Contacts



Camera



Notes



Photo Booth



Clock



Game Center

Free Apps from Apple⁷



iPhoto



iTunes U

iMovie



Podcasts

GarageBand

Find My
iPhone

Pages

Find My
Friends

Numbers



Remote

Keynote

iTunes
Trailers

Location

Wi-Fi
Digital compass

Video Calling⁵

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

Audio Calling⁵

FaceTime
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 and video out to Apple TV (2nd and 3rd generation)
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 4.2
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

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

Languages

Language support

English (U.S.), English (UK), Chinese (Simplified), Chinese (Traditional), French,
German, Italian, Japanese, Korean, Spanish, Arabic, Catalan, Croatian, Czech, Danish,
Dutch, Finnish, Greek, Hebrew, Hungarian, Indonesian, Malay, Norwegian, Polish,
Portuguese, Portuguese (Brazil), Romanian, Russian, Slovak, Swedish, Thai, Turkish,
Ukrainian, Vietnamese

Keyboard support

English (U.S.), English (Canadian), English (UK), English (Australian), Chinese – Simplified (Handwriting, Pinyin, Stroke), Chinese – Traditional (Handwriting, Pinyin, Zhuyin, Cangjie, Stroke), French, French (Canadian), French (Switzerland), German (Germany), German (Switzerland), Italian, Japanese (Romaji, Kana), Korean, Spanish, Arabic, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Serbian (Cyrillic/Latin), Slovak, Swedish, Tamil, Thai, Tibetan, Turkish, Ukrainian, Vietnamese

Dictionary support (enables predictive text and autocorrect)

English (U.S.), English (Canadian), English (UK), English (Australian), Chinese (Simplified), Chinese (Traditional), French, French (Canadian), French (Switzerland), German, Italian, Japanese (Romaji, Kana), Korean, Spanish, Arabic, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Estonian, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Indonesian, Latvian, Lithuanian, Malay, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Slovak, Swedish, Tamil, Thai, Turkish, Ukrainian, Vietnamese

Siri languages

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

Intelligent Assistant⁸

Siri

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

Accessibility

VoiceOver screen reader
Guided Access
Switch Control
Support for playback of closed-captioned content
AssistiveTouch
Full-screen zoom magnification
Larger type
Bold text
Increase contrast
Reduce motion
On/Off labels
Invert colors
Left/right volume adjustment

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)

System Requirements

Apple ID (required for some features)
Internet access⁹
Syncing with iTunes on a Mac or PC requires:

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 at www.itunes.com/download)

In the Box

iPad Air

Lightning to USB Cable

USB Power Adapter

