

Technical Specifications		
Finish	Space Gray	Silver
Models	Wi-Fi	Wi-Fi + Cellular
In the Box	iPad Air Lightning to USB Cable USB Power Adapter	
Weight and Dimensions	<div><div>6.6 inches (169.5 mm)</div><div><div><div><div></div></div></div><div>9.4 inches (240 mm)</div><div>0.29 inch (7.5 mm)</div></div><div>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)</div></div>	<div><div>6.6 inches (169.5 mm)</div><div><div><div><div></div></div></div><div>9.4 inches (240 mm)</div><div>0.29 inch (7.5 mm)</div></div><div>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)</div></div>
Display	<div><div><div></div></div><div>Retina display</div><div>9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology</div><div>2048-by-1536 resolution at 264 pixels per inch (ppi)</div><div>Fingerprint-resistant oleophobic coating</div></div>	
Chip	<div><div><div></div></div><div>A7 chip with 64-bit architecture and M7 motion coprocessor</div></div>	
Cellular and Wireless	Wi-Fi (802.11a/b/g/n); dual channel (2.4GHz and 5GHz) and MIMO Bluetooth 4.0 technology	Wi-Fi (802.11a/b/g/n); dual channel (2.4GHz and 5GHz) and MIMO Bluetooth 4.0 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, 13, 17, 18, 19, 20, 25, 26) Data only
Cameras, Photos, and Video Recording	<div><div><div></div></div><div><div><div><div>FaceTime HD Camera</div><div>1.2MP photos</div><div>720p HD video</div><div>FaceTime video calling over Wi-Fi or cellular¹</div><div>Face detection</div><div>Backside illumination</div><div>Tap to control exposure for video or still images</div><div>Photo and video geotagging</div></div></div></div></div> <div><div><div></div></div><div><div><div><div>Video Recording</div><div>1080p HD video recording</div><div>Video stabilization</div><div>Face detection</div><div>Tap to focus while recording</div><div>Backside illumination</div><div>3x video zoom</div></div></div></div></div> <div><div><div></div></div><div><div><div><div>iSight Camera</div><div>5MP photos</div><div>Autofocus</div><div>Face detection</div><div>Backside illumination</div><div>Five-element lens</div><div>Hybrid IR filter</div><div>f/2.4 aperture</div><div>Tap to focus video or still images</div><div>Tap to control exposure for video or still images</div><div>Photo and video geotagging</div><div>HDR photos</div></div></div></div></div>	
External Buttons and Connectors	<div><div><div></div><div>Home</div></div><div><div><div></div><div>Lightning connector</div></div><div><div></div><div>3.5-mm stereo headphone jack</div></div><div><div></div><div>Dual microphones</div></div><div><div></div><div>On/Off Sleep/Wake</div></div><div><div></div><div>Volume up/down</div></div><div><div></div><div>Slide/Sleep rotation lock</div></div></div></div>	
Power and Battery ²	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	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 cellular data network Charging via 10W power adapter or USB to computer system
Input/Output	3.5-mm stereo headphone minijack Built-in speakers Dual microphones	3.5-mm stereo headphone minijack Built-in speakers Dual microphones Nano-SIM card tray
Connector	<div><div><div></div></div></div>	
Sensors	Three-axis gyro Accelerometer Ambient light sensor	Three-axis gyro Accelerometer Ambient light sensor
Operating System	<div><div><div></div></div><div><div><div><div>iOS 8</div><div>With amazing new capabilities and updates to features you use every day, iOS 8 is the biggest iOS release ever.</div></div></div><div><div><div><div>iOS 8 includes:</div><div><div><div>• AirDrop</div><div>• Control Center</div><div>• iTunes Radio</div><div>• QuickType keyboard</div></div><div><div>• AirPlay</div><div>• Family Sharing</div><div>• Multitasking</div><div>• Siri</div></div><div><div>• AirPrint</div><div>• iCloud Drive</div><div>• Notification Center</div><div>• Spotlight Search</div></div></div></div></div></div></div></div>	
Built-in Apps	<div><div><div><div>Camera</div><div>Photos</div><div>Messages</div><div>FaceTime</div><div>Mail</div><div>Music</div></div><div><div><div>Safari</div><div>Maps</div><div>Siri</div><div>Calendar</div><div>iTunes Store</div><div>App Store</div></div><div><div><div>Notes</div><div>Contacts</div><div>iBooks</div><div>Game Center</div><div>Reminders</div><div>Clock</div></div><div><div><div>Videos</div><div>Newsstand</div><div>Photo Booth</div><div>Podcasts</div></div></div></div></div></div></div>	
Free Apps from Apple	<div><div><div><div>Pages</div><div>Numbers</div><div>Keynote</div><div>iMovie</div><div>GarageBand</div><div>iTunes U</div></div><div><div><div>Find My iPhone</div><div>Find My Friends</div><div>Apple Store</div><div>Trailers</div><div>Remote</div></div></div></div></div>	
Location	Wi-Fi Digital compass	Wi-Fi Digital compass Assisted GPS and GLONASS Cellular
Video Calling	FaceTime iPad Air to any FaceTime-enabled device over Wi-Fi	FaceTime iPad Air to any FaceTime-enabled device over Wi-Fi or cellular
Audio Calling	FaceTime iPad Air to any FaceTime-enabled device over Wi-Fi	FaceTime iPad Air to any FaceTime-enabled device over Wi-Fi or cellular
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, ALAC, 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 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	
Intelligent Assistant	<div><div><div></div></div><div>Siri</div><div>Use your voice to send messages, set reminders, and more.</div></div>	
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 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 access ^{1,2} Syncing with iTunes on a Mac or PC requires: <ul style="list-style-type: none">• 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)	