	Display Retina display O 7 inch (diagonal) LED, backlit glassy widesgreen Multi. Touch display with IBS technology
	 9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology 2048-by-1536-pixel resolution at 264 pixels per inch (ppi) Fingerprint-resistant oleophobic coating Support for display of multiple languages and characters simultaneously
	Power and Battery Built-in 42.5-watt-hour rechargeable lithium-polymer battery Up to 10 hours of surfing the web on Wi-Fi, watching video or listening to music ¹ Up to 9 hours of surfing the web using cellular data network ¹ Charging via power adapter or USB to computer system
	Input and Output 30-pin dock connector port 3.5-mm stereo headphone minijack Built-in speaker Microphone
	 Audio Playback Frequency response: 20Hz to 20,000Hz Audio formats supported: HE-AAC (V1 and V2), AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, and 4, Audible Enhanced Audio, AAX, and AAX+), Apple Lossless, AIFF, and WAV User-configurable maximum volume limit Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately)
	Camera, Photos, and Video 5-megapixel iSight camera Autofocus Tap to focus Face detection in still images Video recording, HD (1080p) up to 30 frames per second with audio Video stabilization
	 Video stabilization FaceTime camera with VGA-quality photos and video at up to 30 frames per second Photo and video geotagging Wireless
	 Wi-Fi (802.11a/b/g/n) Bluetooth 4.0 technology
	 TV and Video AirPlay Mirroring to Apple TV (2nd and 3rd generation) at 720p AirPlay video streaming to Apple TV (3rd generation) at up to 1080p and Apple TV (2nd generation) at up to 720p Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA
	 Adapter (adapters sold separately) Video out support at 576i and 480i with Apple Composite AV Cable (cable sold separately) Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 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)
	 Languages Language support for 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 for English (U.S.), English (UK), 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, Thai, Tibetan, Turkish, Ukrainian, Vietnamese Dictionary support (enables predictive text and autocorrect) for English (U.S.), English (UK), 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, Thai, Turkish, Ukrainian, Vietnamese Dictation support for English (U.S., UK, and Australian), French, German, Japanese
	Location • Digital compass • Wi-Fi
	Accessibility VoiceOver screen reader Support for playback of closed-captioned content AssistiveTouch interface for adaptive accessories Full-screen zoom magnification White on black display Left/right volume adjustment
	Size and weight • Height: 9.50 inches (241.2 mm) • Width: 7.31 inches (185.7 mm) • Depth: 0.37 inch (9.41 mm) • Weight: Wi-Fi only 1.44 pounds (652 g) / Wi-Fi + Cellular 1.46 pounds (662 g) ²
System Requirements	 Apple ID (required for some features) Internet access³
	 Syncing with iTunes on a Mac or PC requires: Mac: OS X v10.5.8 or later PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later iTunes 10.6 or later
Environmental Requirements	Operating ambient temperature: 0° to 35° C (32° to 95° F), Non-operating temperature: -20° to 45° C (-4° to 113° F), Relative humidity: 5% to 95% non-condensing and Maximum operating altitude: 10,000 feet (3000 m). iPad embodies Apple's continuing environmental progress. It is designed with the following features to reduce environmental impact:
	 Mercury-free LCD display Arsenic-free display glass BFR-free PVC-free Recyclable aluminum and glass enclosure
Need Assistance? We want you to be satisfied wonline help, or by fax, please products? Our trained staff is and Rewards.	
each of the following tasks: video pla	oruary 2012 using preproduction iPad units and software. Testing consisted of full battery discharge while performing ayback, audio playback, and Internet browsing using Wi-Fi or cellular data network. Video content was a repeated 2-hour e iTunes Store. Audio content was a playlist of 358 unique songs, consisting of a combination of songs imported from
CDs using iTunes (128-Kbps AAC en network tests were conducted using All settings were default except: Wi-I Networks and Auto-Brightness were specific iPad units; actual results may	coding) and songs purchased from the iTunes Store (256–Kbps AAC encoding). Internet over Wi–Fi and cellular data dedicated web and mail servers, browsing snapshot versions of 20 popular web pages, and receiving mail once an hour. Fi was associated with a network (except for Internet browsing over cellular data network); the Wi–Fi feature Ask to Join turned off. Battery life depends on device settings, usage, and many other factors. Battery tests are conducted using y vary.
Actual size and weight vary by con Wireless broadband recommended	nfiguration and manufacturing process. d; fees may apply.

Tech Specs

Processor

quad-core graphics

• Dual-core Apple A5X custom-designed, high-performance, low-power system-on-a-chip with