## All-new design. Less in your hands. More at Two cameras. FaceTime, HD video, and lots your fingertips. more to smile about. iPad is now 33 percent thinner and up to 15 Share big laughs with friends and family over percent lighter. You'll feel the difference when you FaceTime. Film your life in HD. And put a twist on pick it up. And when you just can't put it down. your snapshots with Photo Booth. Dual-core A5 chip. It's fast, times two. iPad Smart Cover. One great idea on top of Two powerful cores and faster graphics mean another. (Sold Separately) **≰**A5 better surfing, better watching, better gaming, It attaches magnetically and aligns perfectly. Open better everything. All with the same 10 hours of and close it, and iPad 2 wakes up and goes to battery life. sleep. Fold it into a stand for watching and typing. It's smart in more ways than one. What's in the Box? Refurbished iPad 2 with Wi-Fi+3G (2nd generation) Dock Connector to USB Cable 10W USB Power Adapter Documentation Tech Specs Processor 1GHz dual-core Apple A5 custom-designed; high-performance; low-power system-on-a-chip Display 9.7-inch (diagonal) LED-backlit glossy widescreen Multi-Touch display with IPS technology 1024-by-768-pixel resolution at 132 pixels per inch (ppi) Fingerprint-resistant oleophobic coating Support for display of multiple languages and characters simultaneously Power and Battery Built-in 25-watt-hour rechargeable lithium-polymer battery Up to 10 hours of surfing the web on Wi-Fi<sup>1</sup> watching video, or listening to music Up to 9 hours of surfing the web using 3G data network<sup>1</sup> 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 Micro-SIM card tray 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 Dolby Digital 5.1 surround sound pass-through with Apple Digital AV Adapter (sold separately) Camera, Photos, and Video Back camera: Video recording, HD (720p) up to 30 frames per second with audio Still camera with 5x digital zoom Front camera: Video recording, VGA up to 30 frames per second with audio VGA-quality still camera Tap to control exposure for video or stills Photo and video geotagging over Wi-Fi Wireless CDMA EV-DO Rev. A (800, 1900 MHz) Data only Wi-Fi (802.11a/b/g/n) Bluetooth 2.1 + EDR technology TV and Video Video mirroring and video out support: Up to 1080p with Apple Digital AV Adapter or Apple VGA Adapter (cables sold separately) Video out support at 576p and 480p with Apple Component AV Cable 576i and 480i with Apple Composite AV Cable Video formats supported: H.264 video up to 720p, 30 frames per second, Main Profile level 3.1 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), French (France), German, Traditional Chinese, Simplified Chinese, Dutch, Italian, Spanish, Portuguese (Brazil), Portuguese (Portugal), Danish, Swedish, Finnish, Norwegian, Korean, Japanese, Russian, Polish, Turkish, Ukrainian, Hungarian, Arabic, Thai, Czech, Greek, Hebrew, Indonesian, Malay, Romanian, Slovak, Croatian, Catalan, and Vietnamese Keyboard support for English (U.S.), English (UK), French (France), French (Canadian), French Switzerland), German, Traditional Chinese (Handwriting, Pinyin, Zhuyin, Cangjie, Wubihua), Simplified Chinese (Handwriting, Pinyin, Wubihua), Dutch, Italian, Spanish, Portuguese (Brazil), Portuguese (Portugal), Danish, Swedish, Finnish, Norwegian, Korean, Japanese (Romaji, Ten Key), Japanese (Kana), Russian, Polish, Turkish, Ukrainian, Estonian, Hungarian, Icelandic, Lithuanian, Latvian, Flemish, Arabic, Thai, Czech, Greek, Hebrew, Indonesian, Malay, Romanian, Slovak, Croatian, Bulgarian, Serbian (Cyrillic/Latin), Catalan, Vietnamese, Tibetan, Macedonian, and Cherokee Dictionary support (enables predictive text and autocorrect) for English (U.S.), English (UK), French, German, Traditional Chinese, Simplified Chinese, Dutch, Italian, Spanish, Portuguese (Brazil), Portuguese (Portugal), Danish, Swedish, Finnish, Norwegian, Korean, Japanese (Romaji), Japanese (Kana), Russian, Polish, Turkish, Ukrainian, Hungarian, Lithuanian, Flemish, Arabic, Thai, Czech, Greek, Hebrew, Indonesian, Malaysian, Romanian, Slovak, Croatian, Catalan, Vietnamese, and Cherokee Location Assisted GPS Cellular Digital compass Wi-Fi Accessibility Support for playback of closed-captioned content VoiceOver screen reader Full-screen zoom magnification White on black display Mono audio Size and weight

**Product Information** 

Originally released March 2011

Bluetooth 2.1 + EDR technology

FaceTime with 2 cameras

9.7-inch widescreen display

1.34 pounds and 0.34 inch

HD video recording

Multi-Touch screen

Features

Dual-core A5 chip 10-hour battery life

Wi-Fi + 3G (3G data plan sold separately)

Smart covers (sold separately), instant on

 Arsenic-free display glass BFR-free Mercury-free LCD display PVC-free Recyclable aluminum and glass enclosure 1. Testing conducted by Apple in February 2011 using preproduction iPad 2 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 3G. Video content was a repeated 2-hour 23-minute movie purchased from the 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 encoding) and songs purchased from the iTunes Store (256-Kbps AAC encoding). Internet over Wi-Fi and 3G tests were conducted using dedicated web and mail servers, browsing snapshot

iTunes 10.5 or later (free download from www.itunes.com/download)

iTunes 10.7 or later (free download from www.apple.com/itunes/download)<sup>3</sup>

iPad 2 is designed with the following features to reduce environmental impact:

For iPad Wi-Fi + 3G, 3G data plan sold separately

Syncing with iTunes on a Mac or PC requires:

Mac OS X v10.5.8 or later, or Windows 7; Windows Vista; or Windows XP Home or Professional with Service

PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 3 or later

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% non-condensing, and Maximum operating altitude:

Height: 9.50 inches (241.2 mm)

Width: 7.31 inches (185.7 mm)

Depth: 0.34 inches (8.8 mm)

Weight: 1.34 pounds (607 g)<sup>2</sup>

Internet access<sup>3</sup>

Pack 3 or later

Internet access

iTunes Store account

10,000 feet (3000 m).

Mac: OS X v10.6.8 or later

Apple ID (required for some features)

System Requirements

Environmental

Requirements

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 3G); the Wi-Fi feature Ask to Join Networks and Auto-Brightness were turned off. Battery life depends on device settings, usage, and many other factors. Battery tests are conducted using specific iPad 2 units; actual results may vary. Actual size and weight vary by configuration and manufacturing process. Wireless broadband recommended; fees may apply.