



Ipad model md513ll a case

iPadiPad 4 in blackDeveloperApple Inc.ManufacturerFoxconnProduct familyiPadTypeTablet computerGeneration4thRelease date November 2, 2012 (2012-11-02) AustraliaAustriaBelgiumBulgariaCanadaCzech RepublicDenmarkFinlandFranceGermanyHong KongHungaryIcelandItalyJapanSouth KoreaLiechtensteinLuxembourgMexicoNetherlandsNew ZealandNorwayPolandPortugalPuerto RicoRomaniaSingaporeSlovakiaSloveniaSpainSwedenSwitzerlandThailandUnited KingdomUnited States November 27, 2012 (2012-11-27) Israel[1] December 6, 2012 (2012-12-06) Colombia[2] December 7, 2012 (2012-12-07) China[3]Malaysia[4]South Africa[5] December 9, 2012 (2012-12-09) India[6] December 12, 2012 (2012-12-12) United Arab Emirates[7] December 14, 2012 (2012-12-14) Brazil[8]Russia[9]Taiwan[10] December 21, 2012 (2012-12-21) Philippines[11] DiscontinuedOctober 16, 2014 (2014-10-16)Units sold3 million iPad Minis and fourth-generation iPads were shipped in the first weekend of sale. [12] Operating systemOriginal: iOS 6.0Last: Wi-Fi+Cellular models: iOS 10.3.4, released July 22, 2019 (2019-07-22) All others: iOS 10.3.3, released July 19, 2017 (2017-07-19)System on a chipApple A6XCPU1.4 GHz dual core Apple SwiftMemory1 GB LPDDR2 RAMStorage16, 32, 64 or 128 GB flash memory[13]Display9.7 inches (250 mm) 2,048 × 1,536 px color IPS LCD display at (264 ppi) with a 4:3 aspect ratio, fingerprint-resistant oleophobic coatingGraphicsQuad-core PowerVR SGX554MP4InputMulti-touch screen, headset controls, proximity and ambient light sensors, 3-axis accelerometer, 3-axis gyroscope, digital compassCameraFront: 1.2 MP, 720p HDRear: OmniVision Technologies OV5650 5.0 MP AF, iSight with Five Element Lens, Hybrid IR filter, video stabilisation, face detection, f/2.4 apertureConnectivity Wi-Fi 802.11 a/b/g/n at 2.4 GHz and 5 GHz Bluetooth 4.0 GSM UMTS / HSDPA 850, 1900, 1800, 1900 MHz CDMA CDMA/EV-DO Rev. A 800, 1900 MHz GSM LTE 700, 800, 850, 900, 1700, 1800, 1900, 2100, 2600 MHz UMTS / HSDPA/HSPA+ / DC-HSDPA 850, 900, 1900, 2100 MHz GSM / EDGE 850, 900, 1800, 1900 MHz CDMA/EV-DO Rev. A 800, 1900 MHz UMTS / HSDPA/HSPA+/DC-HSDPA 850, 900, 1900, 2100 MHz GSM / EDGE 850, 900, 1800, 1900 MHz CDMA/EV-DO Rev. A 800, 1900 MHz UMTS / HSDPA/HSPA+/DC-HSDPA 850, 900, 1900, 2100 MHz GSM / EDGE 850, 900, 1800, 1900 MHz CDMA/EV-DO Rev. A 800, 1900 MHz UMTS / HSDPA/HSPA+/DC-HSDPA 850, 900, 1900, 2100 MHz GSM / EDGE 850, 900, 1800, 1900 MHz CDMA/EV-DO Rev. A 800, 1900 MHz UMTS / HSDPA/HSPA+/DC-HSDPA 850, 900, 1900, 2100 MHz GSM / EDGE 850, 900, 1800, 1900 MHz CDMA/EV-DO Rev. A 800, 1900 MHz UMTS / HSDPA/HSPA+/DC-HSDPA 850, 900, 1900, 2100 MHz GSM / EDGE 850, 900, 1800, 1900 MHz PowerBuilt-in rechargeable Li-Po battery11,560 mAh 3.7 V 42.5 W h (153 kJ)[14]Online servicesApp Store, iCloud, Game CenterDimensions9.50 in (241 mm) (height)7.31 in (186 mm) (width)0.37 in (9.4 mm) (depth)MassWi-Fi model: 1.44 lb (650 g)Wi-Fi + Cellular model: 1.46 lb (660 g)PredecessoriPad (3rd generation)SuccessoriPad Air, iPad (2017)Связанные articlesiPad miniWebsitewww.apple.com/ipad Эта статья является частью серии на theiPad 1st 2 3rd 4th 5th 6th 7th 8th Air 1st 2 4-й Мини 1-й 2 3 4 5-й Pro 1-й 2-й 4-й список iPad modelsvte iPad четвертого поколения (на рынке как iPad c Retina in colloquial speech, called the iPad 4, a tablet computer produced and manufactured by Apple Inc. compared to its predecessor, the third-generation iPad, the fourth-generation iPad supported the Retina display, but featured new and updated components such as the Apple A6X chip and the Lightning connector, which was unveiled on September 12, 2012. It comes with iOS 6.0, which provides a platform for audio-visual media, including e-books, periodicals, movies, music, computer games, presentations and web content. Like the thirdgeneration iPad, it's supported by five large versions of iOS, in this case iOS 6, 7, 8, 9 and 10, iOS 11, released on September 19, 2017, has no fourth-generation iPad support as iOS 11 reduces support for all 32-bit devices. It was announced at a press conference on October 23, 2012, as the fourth-generation iPad support as iOS 11 reduces support for all 32-bit devices. It was announced at a press conference on October 23, 2012, as the fourth-generation iPad support as iOS 11 reduces support for all 32-bit devices. It was announced at a press conference on October 23, 2012, as the fourth-generation iPad support for all 32-bit devices. generation of the iPad lineup, and was first released on November 2, 2012 in 35 countries, and then through December in ten other countries, including China, India and Brazil. The third generation was discontinued after the announcement of the fourth, after only seven months of total availability. The device is available with a black or white front glass panel and various connectivity and storage options. Storage size options are only Wi-Fi and Wi-Fi and cellular connectivity with LTE capabilities. The fourth-generation iPad received positive reviews and was praised for improving the hardware, as well as the Retina display, which was also shown in the device's predecessor. In addition, tests show that the fourth-generation iPad is capable of performing CPU-dependent tasks twice as fast as its predecessor. During the first weekend of sales, 3 million fourth-generation iPads and iPads were sold. The story of the California Theater, where the fourth-generation iPad was announced on October 23, 2012. Rumors of a next-generation iPad emerged shortly after the release of the third-generation iPad. At this point, some speculated that the next iPad released would be smaller. Further speculation emerged in July 2012, when DigiTimes, through unidentified sources, claimed that Apple had made minor changes to the then iPad and planned its release by the end of 2012. On October 16, 2012, Apple announced a media event scheduled for October 23 at the California Theatre in San Jose, California. The company did not disclose the theme of the event, but it was expected to be related to the iPad Mini. Photographic images of the device's docking connector and front-facing camera appeared shortly before the event in the media. At the media event, Apple CEO Tim Cook unveiled a new version of the iBooks and new generations of MacBook Pro, Mac Mini and iMac before the opening of the fourth-generation iPad will be available for pre-order online in a number of countries starting October 26. On November 2, Apple released a Wi-Fi device model in 35 countries in Europe, East Asia and North America. The cellular model was released in the store a few weeks after the initial release of the device. The release of the fourth-generation iPad led to the discontinuation of its predecessor, which angered many third-generation iPad users. In response, Apple extended its 14-day refund policy to 30 days. ITProPortal noted that because the price for both models is the same, consumers who bought a third-generation iPad during this period were actually allowed to exchange their discontinued device for a fourth-generation model. On January 29, 2013, Apple announced and planned to launch a 128GB version of the 4th generation iPad. It was released on February 5, 2013. Following the announcement of iPad Air on October 22, 2013, sales of the fourth-generation iPad were discontinued. The fourth-generation iPad was re-introduced on March 18, 2014, after the iPad 2 was discontinued. In order to make it a re-introduction of a low-end device for the iPad Air, its price has been reduced by 20% compared to the original launch price. On October 16, 2014, the fourth-generation iPad was discontinued in favor of the iPad Air 2; iPad Air took its place as an entry-level iPad at the time. Software features See also: iOS, iOS 9, iOS 9, iOS 9 and iOS 10 iPad fourth generation comes with iOS 6.0 and later, iOS 7. It can act as an access point with some Internet operators via Wi-Fi, Bluetooth or USB, and access the Apple App Store, a digital distribution platform for iOS apps. The service allows users to browse and download apps from the iTunes Store that were developed using Xcode and iOS SDK and were published through Apple. Apps (pages, keynotes and numbers) are available from the App Store, GarageBand, iMovie, iPhoto and iWork. iPad comes with several pre-installed apps including Siri, Safari, Mail, Photos, Video, Music, iTunes, App Store, Maps, Notes, Calendar, Game Center, Photo Booth and Contacts. Like all iOS devices, iPad can sync content and other data with a Mac or PC using iTunes, although iOS 5 can be controlled and backed up without a computer. Although the tablet is not designed for cellular phone calls, users can use a headset or built-in speaker and microphone to place phone calls via Wi-Fi or cellular via a VoIP app such as Skype. The device has a dictation app using the same recognition technology like the iPhone 4S. 4S. The user also tells the iPad types what they say on the screen, although the iPad must have an Internet connection (via Wi-Fi or cellular network) because of the function of reliance on Apple's servers to translate speech. The fourth-generation iPad has an optional iBooks app that displays books and other ePub content downloaded from the iBookstore. Several major book publishers, including Penguin Books, HarperCollins, Simon Schuster and Macmillan, have pledged to publish books for the device. Although it is a direct competitor to Amazon Kindle and Barnes, noble Nook, both Amazon.com and Barnes Noble offer e-reader apps for iPad. The 4th-generation iPad, unlike its immediate predecessor, the 3rd generation iPad, is supported by iOS 10; However, Apple WWDC 2017 announced that the 4th generation iPad (along with the iPhone 5/5C) would not support iOS 11. iOS 10.3.3 is the latest and latest version of iOS, which only includes support for the Wi-Fi models of these devices. iOS 10.3.4 is the latest and latest version of iOS, which includes support for the Wi-Fi models of these devices. cellular models of these devices, released to address the problem caused by the rollover of the GPS week number. Equipment See also: The iPad hardware device features the Apple A6X SoC, which includes Apple's 32-bit dual-core processor running at 1.4GHz and the guad-core PowerVR SGX554MP4 GPU, 1GB of RAM. It also features a 5-megapixel rear-view camera capable of 1080p video recording; and a 720p HD front-facing video camera designed for FaceTime. The device features a 9.7-inch (diagonal) display with a resolution of 2048 by 1,536 pixels, giving 3.1 million pixels, giving the display a pixel density of 264 ppi. The total number of pixels used on the fourth-generation iPad display is four times greater than the iPad 2, even scaling from the previous model. As with all previous generations of iPhone and iPad hardware, there are four buttons and one switch on the fourthgeneration iPad. With the device in its portrait orientation, it is: a home button on the face of the device under the display that returns the user to the home screen, the wake-up/sleep button on the top edge of the device, and two buttons on the top right side of the device, performing volume up/down functions under which there is a switch, the function of which varies depending on the settings of the device, usually functioning either to switch the device into silence mode, or to lock/unlock. Externally, the fourth-generation iPad is identical to its predecessor, in addition to the differences between the dock connectors used and the shift manufacturers that produce the display. In addition, the Wi-Fi version alone weighs 652 grams, while the cellular model weighs 662 grams - 2 grams heavier, The display responds to other sensors: an ambient light sensor to adjust the brightness of the screen and a 3axis accelerometer to feel the orientation and switch between portrait and landscape modes. Unlike the built-in iPhone and iPod Touch apps, which run in three orientations (portrait, landscape-left and landscape on the right), the iPad's built-in apps support screen rotation in all four directions, including upside down. Consequently, the device has no internal native orientation; only the relative position of the Home button changes. The tablet is made either with the ability to communicate through the cellular network, or without it. All models can connect to a wireless network via Wi-Fi. The fourth-generation iPad is available with 16, 32, 64 or 128GB of internal flash memory, with no expansion option. Apple sells a camera connectivity kit with an SD card reader, but it can only be used to send photos and videos. The fourth-generation iPad has a frequency response of 20 Hz to 20,000 Hz. Without third-party software, it can play in the following audio formats: HE-AAC, AAC, Protected AAC, MP3, MP3 VBR, Audible (2, 3, 4, AEA, AAX and AAX), ALAC, AIFF and WAV. This iPad uses an internal rechargeable lithium-ion polymer battery (LiPo) that can hold a charge of 11,560 mAh. The batteries are manufactured in Taiwan by Simplo Technology (60%) and Dynapack International Technology (40%). The iPad is designed to charge with a relatively high current of 2 amplifiers using the included 12 W USB power adapter and Lightning connector. Although it can be charged by an old USB port from a computer, they are limited to 500 milliamps (0.5 amps). As a result, if the iPad is used while powered by a computer, it can charge very slowly, or not at all. High-speed USB ports found in new computers and accessories provide full charging. Apple claims that the battery can provide up to 10 hours of video, audio playback or web surfing on Wi-Fi, 9 hours of web surfing via cellular connection, or one month on standby. Like any battery is not replaced by the user. In a program similar to the iPod and iPhone battery replacement program, Apple has promised to replace the iPad, which does not hold an electric charge with a refurbished device for a fee. During the battery replacement process, user data is not stored/transferred, and refurbished or refurbished devices come with a new case. The warranty on the refurbished unit can vary depending on the jurisdiction. Accessories Apple Lightning connector Home article: iPad accessories Smart Cover, presented with iPad 2, is a screen protector that is magnetically attached to the face of the iPad. The cover has folds that allow it to convert into a stand, a stand, also held together by magnets. A smart cover can also take other positions by folding it. Smart covers have a microfibre bottom that clears the front of the iPad and wakes the device up when the lid is removed. It comes in five colors of both polyurethane and more expensive skin. Apple offers several other accessories, most of which are adapters for the Lightning branded connector, the only port other than the headphone jack. The dock holds the iPad at an angle and has a dock connector and an audio-linear port. iPad can use Bluetooth keyboards that also work with Mac and PC. The fourth-generation iPad reception has received positive reviews from critics and commentators. Review Gareth Beavis of TechRadar praised the device for its high-resolution Retina Display, which TechRadar wrote is... one of the most impressive we've seen on a tablet to date. However, the reviewer also wrote that the screen lacks the punch seen in Super AMOLED screens seen on devices like the Samsung Galaxy Note 2. The review also praised the iPad interface for its simple design and easy-to-use layout. In addition, other aspects such as iPad design and the updated SoC were noted and praised in the review. Critically, Beavis noted that the iPad can still moderately heat up under average usage, however not to the extent seen in the third generation iPad. Tim Stevens of Engadget praised Retina Display and called it the best screen available on tablets. Tests and tests conducted by Engadget led Stevens to conclude that the fourthgeneration iPad is Apple's fastest mobile device, surpassing the record that the iPhone 5 held for a short period of time. Benchmark tests conducted by SlashGear concluded that the fourth-generation SoC iPad is capable of performing CPU-dependent tasks more than twice as fast as a third-generation iPad. A series of benchmark tests conducted on the graphics performance of the fourth-generation anandtech iPad resulted in the device scoring the most points compared to other consumer mobile devices, including samsung Galaxy S III, Nexus 10 and third-generation iPad. The performance of the fourth-generation iPad varies depending on the tests, but the increase is nevertheless obvious. In addition, battery durability tests conducted by the same organization show that the fourth-generation iPad battery is able to wait longer than its predecessor. However, the battery of the updated iPad 2 is capable of surviving the fourth-generation iPad. Commercial reception In the first weekend of sales of the iPad Mini and iPad of the fourth generation, Apple reported that it sold the aggregate Three million units. TechRadar noted that first weekend sales figures for the fourth-generation iPad are below the corresponding figures for the third-generation iPad, which sold 3 million units in its first weekend. Subsequent reports and analyses similar to those of David Xi, a technology analyst, suggest that the iPad mini sells better than a fourth-generation iPad. Despite the marked decline in sales, Apple's share price, in direct response to the published data, rose 1.4% to \$584.62 on November 5. Criticism in the iFixit repair review, the fourth-generation iPad scored 2 out of 10 (10 of them the easiest to repair) because of the use of glue to attach components. However, reviewers have noted that some components such as the screen and battery can be easily removed for replacement. Chronology Source: Apple News Archive. This chronology: viewtalkedit See also iPad Accessories Comparison tablet computers E-book reader Nexus 10 Links - Richard Fry (December 3, 2012). iPad Mini, iPad 4 is released in Israel. Gadget Insiders. Received on May 4, 2013. Jose Luis Penjarredonda (December 6, 2012). El iPad mini ya llege Colombia. Enter.co. received on December 7, 2012). iPad Mini and iPad 4 Debut in China looks underwhelming. Ibergeismo. Received on December 13, 2012. iPad mini and iPad 4 will go on sale in Malaysia today. Vernonchan.com. 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