= IPad (1st generation) =

The first @-@ generation iPad (/ ?a?pæd / EYE @-@ pad) is a tablet computer designed and marketed by Apple Inc. as the first in the iPad line . The device features an Apple A4 processor , a 9 @.@ 7 " touchscreen display , and on certain variants the capability of accessing cellular networks . Using the iOS operating system , the iPad can play music , send and receive email and browse the web . Other functions , which include the ability to play games and access references , GPS navigation software and social network services can be enabled by downloading apps .
The device was announced and unveiled on January 27 , 2010 at a media conference . On April 3 , 2010 , the Wi @-@ Fi variant of the device was released in the United States , followed by the release of the Wi @-@ Fi + Cellular variant on April 30 . On May 28 , it was released in Australia , Canada , France , Japan , Italy , Germany , Spain , Switzerland and the United Kingdom .
The device received primarily positive reviews from various technology blogs and publications . Reviewers praised the device for its wide range of capabilities and labelled it as a competitor to laptops and netbooks . Some aspects were criticized , including the closed nature of the operating system and the lack of support for the Adobe Flash multimedia format . During the first 80 days , three million iPads were sold . By the launch of the iPad 2 , Apple sold more than 15 million iPads .
On March 2 , 2011 , Apple announced the iPad 2 and the discontinuation of production of the original iPad .

= = History = =

Apple co @-@ founder Steve Jobs stated in a 1983 speech that his company ? s
? Strategy is really simple . What we want to do at Apple , is we want to put an incredibly great computer in a book that you can carry around with you and learn how to use in 20 minutes ... And we really want to do it with a radio link in it so you don ? t have to hook up to anything and you ? re in communication with all of these larger databases and other computers . ?
Apple ? s first tablet computer was the Newton MessagePad 100 , introduced in 1993 , which led to the creation of the ARM6 processor core with Acorn Computers . Apple also developed a prototype PowerBook Duo @-@ based tablet , the PenLite , but decided not to sell it in order to avoid hurting MessagePad sales . Apple released several more Newton @-@ based PDAs ; the final one , the MessagePad 2100 , was discontinued in 1998 .
Apple reentered the mobile @-@ computing market in 2007 with the iPhone . Smaller than the (not yet announced) iPad and featuring a camera and mobile phone , it pioneered the multitouch finger @-@ sensitive touchscreen interface of Apple ? s iOS mobile operating system .
By late 2009 , the iPad 's release had been rumored for several years . Such speculation mostly talked about ? Apple ? s tablet ? ; specific names included iTablet and iSlate . The actual name is reportedly an homage to the Star Trek PADD , a fictional device very similar in appearance to the iPad . The iPad was announced on January 27 , 2010 , by Jobs at an Apple press conference at the Yerba Buena Center for the Arts in San Francisco .
Jobs later said that Apple began developing the iPad before the iPhone , but temporarily shelved the effort upon realizing that its ideas would work just as well in a mobile phone . The iPad ? s internal codename was K48 , which was revealed in the court case surrounding leaking of iPad information before launch .
Apple began taking pre @-@ orders for the iPad from US customers on March 12 , 2010 . The only major change to the device between its announcement and being available to pre @-@ order was the change of the behavior of the side switch from sound muting to that of a screen rotation lock . The Wi @-@ Fi version of the iPad went on sale in the United States on April 3 , 2010 . The Wi @-@ Fi + 3G version was released on April 30 . 3G service for the iPad in the United States is provided by AT & T and was initially sold with two prepaid contract @-@ free data plan options : one for unlimited data and the other for 250 MB per month at half the price . On June 2 , 2010 , AT & T announced that , effective June 7 , the unlimited plan would be replaced for new customers with a 2 GB plan at slightly lower cost ; existing customers would have the option to keep the unlimited plan .

The plans are activated on the iPad itself and can be cancelled at any time .

The iPad was initially only available for purchase on Apple ? s online store and its retail locations ; it has since become available through retailers including Amazon , Walmart , and network operators . The iPad was launched in countries including Australia , Canada , France , Germany , Japan and the United Kingdom on May 28 . Online pre @-@ orders in those countries began on May 10 . Apple released the iPad in Hong Kong , Ireland , Mexico , New Zealand and Singapore on July 23 , 2010 . Israel briefly prohibited importation of the iPad because of concerns that its Wi @-@ Fi might interfere with other devices . On September 17 , 2010 , the iPad was officially launched in China .

= = Features = =

= = = Software = = =

The iPad originally shipped with iOS 3 @.@ 2 . On September 1 , 2010 , it was announced the iPad would get iOS 4 @.@ 2 by November 2010 ; to fulfill this , Apple released iOS 4 @.@ 2 @.@ 1 to the public on November 22 . It comes with several applications , including Safari , Mail , Photos , Video , iPod , iTunes , App Store , Maps , Notes , Calendar , and Contacts . Several are improved versions of applications developed for the iPhone or Mac .

The iPad syncs with iTunes on a Mac or Windows PC . Apple ported its iWork suite from the Mac to the iPad , and sells pared @-@ down versions of Pages , Numbers , and Keynote apps in the App Store . Although the iPad is not designed to replace a mobile phone , a user can use a wired headset or the built @-@ in speaker and microphone to place phone calls over Wi @-@ Fi or 3G using a VoIP application .

On October 12 , 2011 , iOS 5 was released to various iOS devices , including the first @-@ generation iPad , and was downloadable through iTunes . The update was reported to contain hundreds of new features and tweaks , including Twitter integration , Notification Center and iMessage , which is a feature that allows users to send messages or multimedia files to other users on iOS or OS X , the operating system for Apple computers. iCloud , an iOS app and Apple @-@ provided internet storage service which allows users to sync and backup their user data and settings to / from other devices , was also made available through this update . On June 11 , 2012 it was announced that iOS 6 would not be released for the first @-@ generation iPad , making iOS 5 @.@ 1 @.@ 1 the final operating system officially available for the device .

= = = Hardware = = =

The first @-@ generation iPad features an Apple A4 SoC , which comprises a 1 GHz processor , 256 MB of RAM and a PowerVR SGX535 GPU . There are four physical switches on the iPad , including a home button near the display that returns the user to the main menu , and three plastic physical switches on the sides : wake / sleep and volume up / down , plus a software @-@ controlled switch whose function has changed with software updates . Originally the switch locked the screen to its current orientation , but iOS 4 @.@ 2 changed it to a mute switch , moving the rotation lock function to an onscreen menu . In the iOS 4 @.@ 3 update , a setting was added to allow the user to specify whether the side switch was used for rotation lock or mute . Unlike its successors , the first @-@ generation iPad has no cameras .

The iPad 's touchscreen display is a 1 @,@ 024 by 768 pixel , 7 @.@ 75 × 5 @.@ 82 in (197 × 148 mm) liquid crystal display (diagonal 9 @.@ 7 in (246 @.@ 4 mm)) , with fingerprint- and scratch @-@ resistant glass . As a result of the device 's screen dimensions and resolution , the screen has a pixel density of 132 ppi . The display responds to other sensors : an ambient light sensor to adjust screen brightness and a 3 @-@ axis accelerometer to sense the iPad 's orientation and switch between portrait and landscape modes . Unlike the iPhone and iPod Touch 's built @-@ in applications , which work in three orientations (portrait , landscape @-@ left and landscape @-@ right) , the iPad 's built @-@ in applications support screen rotation in all four orientations ,

including upside @-@ down . Consequently , the device has no intrinsic " native " orientation ; only the relative position of the home button changes .

 The iPad was equipped with 16 GB , 32 GB , or 64 GB of memory . Furthermore , the device was available with two connectivity options : Wi @-@ Fi only or Wi @-@ Fi and Cellular . Unlike its successors , the Wi @-@ Fi + Cellular variant of the first @-@ generation iPad could only support carriers that utilized GSM / UMTS standards and was not compatible with CDMA networks ; however , like its successors , assisted GPS services are supported .

 The weight of the first @-@ generation iPad varied , dependent upon the connectivity options chosen . The Wi @-@ Fi only variant weighs 1 @.@ 5 lb (680 g) whereas the variant with Wi @-@ Fi + Cellular weighs 1 @.@ 6 lb (730 g) . Its dimensions , however , are identical across the entire range of variants , measuring 9 @.@ 56 × 7 @.@ 47 × 0 @.@ 50 in (243 × 190 × 13 mm) .

= = = Accessories = = =

 Apple offers several iPad accessories , most of which are adapters for the proprietary 30 @-@ pin dock connector , the iPad 's only port besides the headphone jack . A dock holds the iPad upright at an angle , and has a dock connector and audio line @-@ out port . Each generation of iPad requires a corresponding dock . A dock that included a physical keyboard was only supported for the original iPad , but all generations are compatible with Bluetooth keyboards that also work with Macs and PCs . The iPad can be charged with a 10 W standalone power adapter , which is also compatible with iPods and iPhones .

= = Reception = =

= = = Critical reception = = =

 Media reaction to the announcement of the device and the device itself was mixed . The media noted that thousands of people queued on the first day of sale in a number of countries with many of those who waited claiming that " it was worth it . "

 Walt Mossberg (of The Wall Street Journal) wrote , " It 's about the software , stupid " , meaning hardware features and build are less important to the iPad 's success than software and user interface , his first impressions of which were largely positive . Mossberg also called the price " modest " for a device of its capabilities , and praised the ten @-@ hour battery life . Others , including PC Advisor and the Sydney Morning Herald , wrote that the iPad would also compete with proliferating netbooks , most of which use Microsoft Windows . The base model 's price of $ 499 (equivalent to $ 541 in 2015) was lower than pre @-@ release estimates by Wall Street analysts , and Apple 's competitors , all of whom were expecting a much higher entry price point .

 The media also praised the quantity of applications , as well as the bookstore and other media applications . In contrast , some sources , including the BBC , criticized the iPad for being a closed system and mentioned that the iPad faces competition from Android @-@ based tablets . However , at the time of the first @-@ generation iPad 's launch , Yahoo News noted that the Android tablet OS , known as " Honeycomb " , was not open source and has fewer apps available for it than for the iPad , though Google has since released the source code for Honeycomb . The Independent criticized the iPad for not being as readable in bright light as paper but praised it for being able to store large quantities of books . After its UK release , The Daily Telegraph said the iPad 's lack of Adobe Flash support was " annoying " .

 The iPad was selected by Time magazine as one of the 50 Best Inventions of the Year 2010 , while Popular Science chose it as the top gadget behind the overall " Best of What 's New 2010 " winner Groasis Waterboxx .

= = = Commercial reception = = =

300 @,@ 000 iPads were sold on their first day of availability . By May 3 , 2010 , Apple had sold a million iPads ; this was just half the time it took Apple to sell the same number of original iPhones . After passing the one million mark , they continued selling rapidly , reaching 3 million sales after 80 days . During the financial conference call on October 18 , 2010 , Steve Jobs announced that Apple had sold more iPads than Macs for the fiscal quarter . In total , Apple sold more than 15 million first @-@ generation iPads prior to the launch of the iPad 2 ? more than all other tablet PCs combined since the iPad 's release , and reaching 75 % of tablet PC sales at the end of 2010 .

= = = Criticism = = =

 CNET criticized the iPad for its apparent lack of wireless sync , which other portable devices such as Microsoft 's Zune have had for a number of years .
 Walt Mossberg called it a " pretty close " laptop killer . David Pogue of The New York Times wrote a " dual " review , one part for technology @-@ minded people , and the other part for non @-@ technology @-@ minded people . In the former section , he notes that a laptop offers more features for a cheaper price than the iPad . In his review for the latter audience , however , he claims that if his readers like the concept of the device and can understand what its intended uses are , then they will enjoy using the device . PC Magazine 's Tim Gideon wrote , " you have yourself a winner " that " will undoubtedly be a driving force in shaping the emerging tablet landscape . " Michael Arrington of TechCrunch said , " the iPad beats even my most optimistic expectations . This is a new category of device . But it also will replace laptops for many people . " PC World criticized the iPad 's file sharing and printing abilities , and ArsTechnica critically noted that sharing files with a computer is " one of our least favorite parts of the iPad experience . "