

Technical description: MacBook Air 11-inch, 2015

Technical Description of the By Truthful Ward

**City College of New York Instructor: Susan
Delamare**

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ABSTRACT

The laptop has been cultivated and updated for the past 47 years and has a deep history with all its changes being to aid in offering a greater experience for its users. In this description we will be looking at one iteration from a long line of laptops in addition to one of the most popular tech companies that ever existed, the MacBook Air 11-inch 2015 edition. This laptop is a perfect example of the evolution that has taken place over time as it focuses on having all the features necessary to make things easier for the consumers.

INTRODUCTION

Apple, by Steve Jobs and Steve Wozniak, has been known as one of the most influential consumer electronic mediums in the world. When it comes to social or business activities, the grip that Apple has had on the masses is incredible. One of the main reasons for this is that Apple releases great quality products, consistently updating both hardware and software to fit the needs of the growing consumer demands. Utilizing quality long lasting metals and plastics coupled with the software-based features, Apple can grant the user an optimal experience worth their hype while also withstanding the test of time. One great example of this is the Apple MacBook Air (2015) which is the 6th iteration of Apples Air line of laptops. **Apple Support. (2022, July 15)**. Offering a seamless user interface with easily accessible external and internal features and functions one can complete work, school assignments or personal based needs. In addition, due to the nature of the system's processing power the MacBook Air (2015) can update to current versions of IOS, which surprisingly despite the products age the newer IOS updates run very smoothly.

(Fig.2.)



Lab-tested product reviews. PCMAG. (n.d.). Retrieved November 6, 2022, from <https://www.pcmag.com/reviews>

BACKGROUND FOR APPLE

Apple or the name used during its conception Apple Computers, Inc was founded April 1, 1976, by Steve Jobs a philosophy major and Steve Wozniak an electrical engineering major who had both recently dropped out of college in search of creating their own path to success. They did this by brainstorming ideas to each other, finally concluding that they wanted to make a difference in consumer technology by making smaller, more user-friendly computers which would end up being one of the earliest versions of personal laptop being the 4th one created. **Main menu. Low End Mac. (n.d).** With Wozniak handling the technological side of things and Jobs handling marketing they created their first product the Apple 1 which was a device that had no monitor, keyboard or case to encapsulate the raw circuitry. They later added these things to the original updating and tweaking small parts until they made the Apple II which was a huge leap for technology at the time as it had the first ever color graphics on a computer. From 1978 until 1980 Apple's sales increased from 7.8 million to 117 million making it one of the most influential tech companies at the time. Apple continued this trend of updating and tweaking their devices along with expanding the types of devices they sold, not only was it just computers anymore they now created their own smartphones known as iPhone and another device known as an iPad which is a fusion of both a laptop and smartphone having the best of both worlds among devices. ***This Month in business history: The founding of Apple Computers, inc. Research Guides. (n.d).***

(Fig.1)



10, T. N., 20, W. N., 20, S. N., 22, B. J. A., 8, V. J., 5, R. B. O., 5, S. O., 6, R. A. O., 5, P. T. N., 15, D. L. N., 30, O. H. N., 16, F. H. J., 25, Y. G. A., 21, E. N., 22, E. S., 31, C. W. D., & 31, S. W. D. (2018, September 9). *2-the apple-1*. The story of "the MOST personal computer"! Retrieved November 5, 2022, from <https://www.apple2history.org/history/ah02/>

DESCRIPTION

The MacBook Air (11-inch, 2015) a perfect champion for Wozniak and Jobs vision of a more user-friendly sleek laptop. From its 11.6-inch LED widescreen display which is encapsulated by a smooth metallic outer layer in addition to supporting the use of multiple colors on the display and many supported resolutions (Fig.2) allows for a great visual experience with movies, gaming or any other task. Then there is the keyboard and trackpad (Fig.2), which involves an assortment of 78 black keys slightly indented to almost fit perfectly with the human finger. To go even further the entirety of the keypad includes 12 function keys and 4 arrow keys each engraved with either a number, letter or character. A light sensor underneath shines through the seams of the keys. The trackpad includes a multi-Touch system that acts as a touch screen version of a mouse. You can use pinch, rotate, swipe, tap, double-tap, and drag capabilities on this portion of the laptop along with clicking the left bottom corner of the mouse to activate its left click function. You also have a small camera at the upper brim of the front screen part of the laptop allowing you to take pictures and make FaceTime calls. A set of small ports are located on either side of the base portion of the laptop where you can either recharge the laptop using the given charger, plug in a USB cable or connect earphones. After meeting both the visual and sensory needs to provide an optimal experience the MacBook Air also has a host of functions to meet the auditory needs as well. The Stereo speakers, Dual microphones, Support for Apple iPhone headset with remote and microphone allows its user to have great experience hearing and speaking with state-of-the-art technology. To tie all this together we then have the 1.6GHz dual-core Intel Core i5 Processor with 3MB shared L3 cache is compatible with 2.2GHz dual-core Intel Core i7 with 4MB shared L3 cache. Memory 4GB of 1600MHz LPDDR3 onboard memory compatible with 8GB of data. Battery and Power 2 allow its users to enjoy around 9 hours wireless web time, up to 10 hours iTunes movie playback and up to 30 days standby time. **Apple. Official Apple Support. (n.d.).**

(Fig.2)



Lab-tested product reviews. PCMAG. (n.d.). Retrieved November 6, 2022, from <https://www.pcmag.com/reviews>

LIST OF PARTS

Front View (Fig.3)

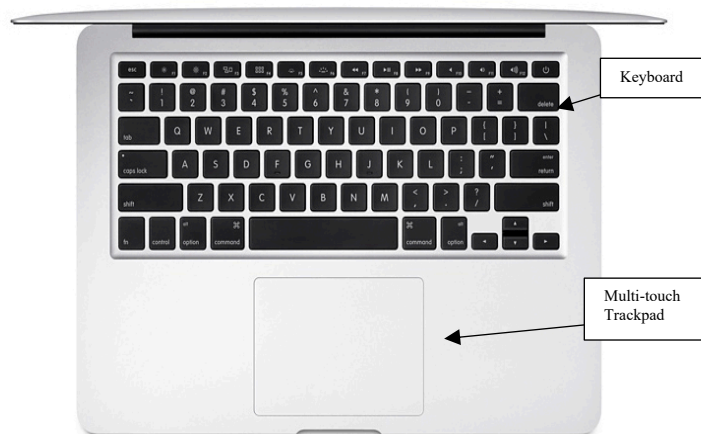


Apple. Official Apple Support. (n.d.). Retrieved November 6, 2022, from https://support.apple.com/kb/SP713?locale=en_US

Camera The MacBook Air (2015) includes a 720p FaceTime HD camera that can be used to also take front facing pictures.

Display The MacBook Air (2015) features a 11.6-inch widescreen display with support for millions of colors.

Top View (Fig.4)



Author, N. (2016, September 7). *13-inch macbook air (early 2015) review*. Macworld. Retrieved November 6, 2022, from <https://www.macworld.com/article/667329/13-inch-macbook-air-early-2015-review.html>

Keyboard The MacBook (2015) has a keyboard with 78 backlit keys with 26 being Letter keys, 10 being both 1-10/0 keys in addition to random character keys, 11 punctuation and other miscellaneous keys, 14 being computer control keys, 12 being function keys, 4 arrow keys and a space key.

Trackpad Then there is the multi-Touch trackpad acting as your mouse. This trackpad allows you to scroll, pinch, rotate, swipe, tap, double-tap, and drag.

Right Side View (Fig.5)

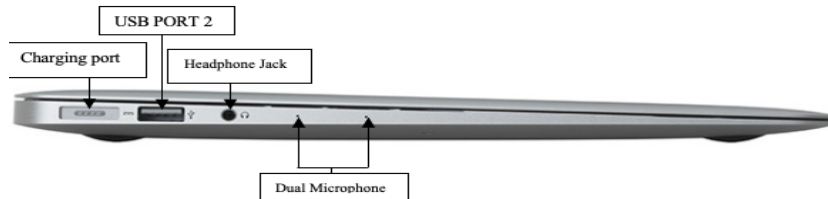


Apple 11-inch macbook air: Apple MJVM2LL/A 11" MacBook Air (2015) 1.6GHz Dual... at MacSales.com. (n.d.). Retrieved November 6, 2022, from <https://eshop.macsales.com/item/Apple/F1FP7XXXXXXC/>

Thunderbolt port Used to connect an Ethernet Adapter.

USB Port Apple USB compatible with any USB.

Left Side View (Fig.6)



Apple 11-inch macbook air: Apple MJVM2LL/A 11" MacBook Air (2015) 1.6GHz Dual... at MacSales.com. (n.d.). Retrieved November 6, 2022, from <https://eshop.macsales.com/item/Apple/F1FP7XXXXXXC/>

Charging Port On the 11.6-inch MacBook (2015) there is a charging port located on the left-hand side compatible with Apples MagSafe 2 power adapter.

USB Port 2 Apple USB compatible with any USB.

Headphone Jack The 11.6-inch MacBook (2015) also has a 3.5 mm headphone jack space that supports the connection of Apples iPhone headset which has a remote and microphone.

Dual Microphone are used during FaceTime Calls or gaming.

CONCLUSION: Apple's vision of making more user-friendly products has truly come to fruition. With the MacBook Air 2015 being one of many steppingstones in the future of the consumer technology industry it still holds up as a great product. Going into its many features and the sleekness of the design it's amazing what has been done in the amount of time the company has existed. All in all, hopefully I did well to display just how great this device is and maybe even gave people a recommendation of a laptop to purchase.

LIST OF FIGURES

(Fig.1)



(Fig.2)



(Fig.3)



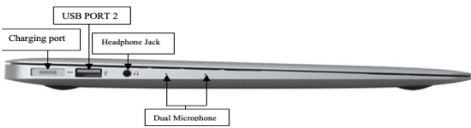
(Fig.4)



(Fig.5)

and

(Fig.6)



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