

### **Apple MacBook Pro**

The Apple MacBook Pro is Apple's high-end laptop which runs their own macOS (Operating System). As opposed to other laptops, specifically those running Microsoft Windows, Apple MacBook Pro laptops are built for simplicity, continuity, and privacy.



#### **Who is the MacBook Pro for?**

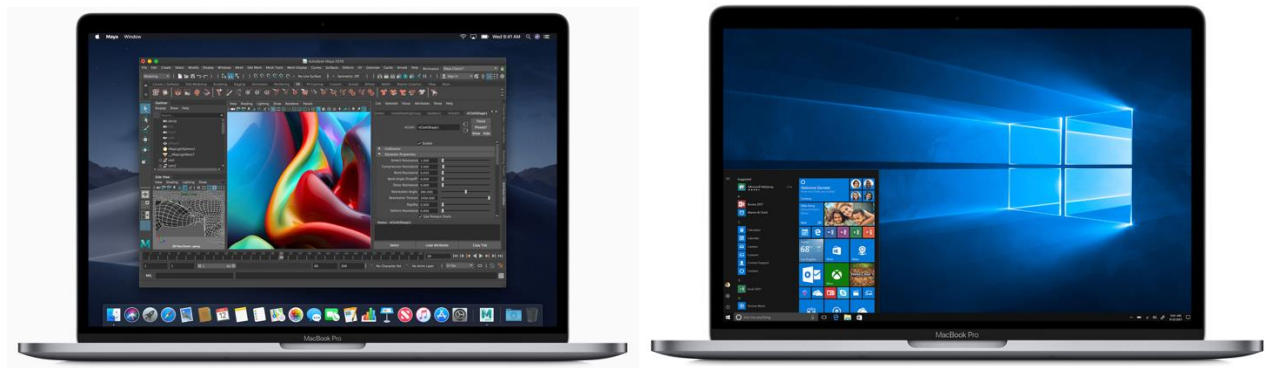
- The MacBook Pro is for people looking for a laptop with high-end specs and premium build quality.
- Those who require a laptop that can handle power-hungry programs such as Adobe Photoshop, Final Cut Pro, Virtual DJ, or your very own applications the MacBook Pro can handle it with ease.
- For people who are looking for a future-proof laptop that will be continually be supported for many years and not slow down as applications evolve.

#### **Specifications (As of 2019)**

\*Max Specs

Screen Size:	13 Inch	15 Inch
Display:	Retina Display with 2560 by 1600 native resolution; 227 pixel per inch	Retina Display with 2880 by 1800 Native Resolution; 220 pixels per inch
Processor:	2.4GHz quad-core Intel Core i5	2.3GHz 8-core Intel Core i9
Storage:	256 GB Solid State Drive	512 GB Solid State Drive

Memory:	8 GB Ram	16 GB Ram
Battery Life:	10 Hours (average use)	10 Hours (average use)



### What Does This Mean for You?

**Display:** Choosing between either screen size represents an important choice. The 13 in. size is easier for travel as it is more likely to fit in a briefcase or school backpack however this comes at the expense of power that the 15 in. provides. If you are looking for a more portable experience the 13 in. screen size is perfect. The 15 in. screen size gives the best desktop replacement experience with more space to organize and view applications.

**Processor:** As mentioned before, the 13 in. screen size comes at the expense of power but the integrated quad-core Intel Core i5 will still handle any and all applications you can throw at it. The integrated 8-core Intel Core i9 will not only perform more remarkably than the i5 but it will future proof your laptop for a longer period of time. As time passes, applications get more and more complex which can lead to lower end processors becoming less efficient throughout the course of their life and having a higher core processor will eliminate this problem with an overhead in performance.

**Storage:** Much like processors, as applications get bigger and more complex the space they take in both storage and memory becomes greater. Not only is storage important for future proofing to ensure you do not run out of space to download and store things but the Solid State Drive in the MacBook Pros provides excellent Read and Write speeds to ensure your laptop is always running quickly. Both sizes will reach Read speeds of 3.2 GB/s and Write speeds of 2.2 Gb/s.

**Memory:** Memory is important as it allows applications to run faster, longer, and simultaneously. The 8GB of ram in the 13 in. size is plenty for running complex applications while the 16GB of ram provided in the 15 in. size can run both macOS and Windows at the same time with ease!

## macOS vs. Windows

The best part about owning a MacBook Pro is its capability to run both macOS and Windows! While any Apple device running macOS is capable of doing this, the MacBook Pro is the ideal laptop to do so. The 13 in. MacBook Pro is powerful enough to run either OS and the 15 in. MacBook Pro is ideal for running both OS at the same time! This setup is ideal for when you need to access apps whose developers did not create on a specific OS or for running video games.

macOS is still ideal for those who value:

- **Privacy and Security**
- **A seamless experience between Apple Devices such as iPhone, iPad, or Apple Watch**
- **Simplicity with easy to use Desktop Experience, Applications, and File Management**
- **An OS built for the hardware and hardware built for the OS.**

## Which size should you get?

The 13 in. MacBook Pro is perfect for those looking to use this laptop for schoolwork which may include running apps that any classes of yours may require while providing the portability to be small and light enough to put in a backpack. The 15 in. MacBook Pro is for people who need the extra computing power to run complex programs or need to make use of an environment where running both macOS and Windows is necessary. This can be someone whose job requires power like computer programmers, content creators, and video game development. The 15 in. size is the perfect desktop replacement for most professionals.

