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Convergence Paper

Today there are so many options for technology, whether it be a phone, laptop, or Desktop computer. When buying it's important to investigate what each one offers! Out of the three they offer most of the same services, but different prices, core processors, and variations. The best way to show convergence was to research three different apple products: The Apple iPhone 11, MacBook air, and Apple iMac desktop.

The new iPhone 11 has a A13 Bionic processor as opposed to older models that used the A12 and three different internal storage options: 64GB, 128GB, and 256GB. The standard phone comes with the 64GB and then can upgraded to get the bigger storage. iPhone 11 has four CPU (Core Processing Units) for better performance. Features of the iPhone 11 are the dual-lens rear camera, night mode, more durable glass, and face ID, calendar, camera, GPS, internet access, MP3 player, and the ability to download other apps and games. The price of the phone is \$749 and the need to purchase data and a phone plan. The MacBook Air laptop has a dual core and 10th generation intel processor for better performance and smoother upgrades. The storage capability is 256GB SSD (Solid-State Drive) Storage, which is used to "Replace tradition mechanical hard disk by using flash-based memory, which is significantly (Avast Academy, 2019)". Some features of the MacBook pro are: Touch bar and touch ID, Retina display, and a better battery life lasting up to 10 hours. The laptop has all the standard features as the iPhone

11, except the laptop does not have GPS it uses Wi-Fi positioning and does not have a rear facing camera. The laptop cost \$999 with no need to purchase data or a plan. The iMac desktop has a 10th generation intel processor, retina 5K display, holds 8TB of storage, and has a turbo boost up to 4.8GHz. The iMac has the same standard features as the iPhone and MacBook air but does not have the ability to travel as it is a desktop. iMac has new features like the: ultra-thin screen and the magic mouse. The cost is \$1800 dollars and no plan or data needs to be purchased.

After doing research the most cost effective and efficient product would be the iPhone! The iPhone is small and compact and can be fit in a pocket, purse, or bag. The laptop can be transported but not ideal to pull out a laptop every time the internet is needed. The phone can do more than the other two products and although a plan needs to be bought its still less money. All three of them can access the internet but the iPhone is the only one that has GPS capability and not Wi-Fi positioning. Taking rear facing pictures is not necessary but is an added feature that makes the phone a better option.

Bibliography

INC, Apple. Apple, 2020, www.apple.com/.

Villinger, Sandro. "What Is an SSD?" What Is a Solid-State Drive (SSD)?, Avast, 16 Mar. 2020, www.avast.com/c-what-is-ssd.