

Lab – Mobile Device Information

Introduction

In this activity, you will use the Internet, a technical journal, or a local store to gather information about an Android and an iOS device. You will document the specifications of each Android and iOS device onto this worksheet. Be prepared to discuss your decisions regarding the devices you select.

Recommended Equipment

- PC with Internet Connection

Instructions

Step 1: Select an Android and iOS device to research. Record the hardware specifications in the boxes below.

Specifications	Android Device	iOS Device
Model	Red Magic 10S Pro	Iphone 17 Pro Max
Manufacturer	Nubia / REDMAGIC Brand	Apple Inc.
Operating System	Android 16	iOS 26
Available Memory	This model offers 12 GB RAM + 512 GB UFS 4.1	This models offers 12 GB RAM and storage options: 256 GB, 512 GB, 1 TB, and 2 TB
Camera	Triple rear Camera	Triple 48 MP Camera System
Wi-Fi Connectivity	Support Wi-Fi 7	Supports Wi-Fi 7 and Bluetooth 6

Specifications	Android Device	iOS Device
Battery Information	7,050 mah Battery, Supports fast charging (80 W)	5,088 mah Battery, Apple also says it offers a longer battery life for this model
Screen Size and Resolution	6.85 inch AMOLED/OLED Display & 1216 x 2688 Resolution	6.9 inch OLED Display & 2868 x 1320 Resolution
Size and Weight	163.4 x 76.1 x 8.9 mm in size & 229 g in weight	163.4 x 78.0 x 8..75 mm in size & 233 g in weight

Step 2: Based on your research, which mobile device would you select? Be prepared to discuss your decisions regarding the mobile device you select.

- My choice and preference is the Iphone 17 Pro Max, why? Because it offers more practicality in my opinion than the Red Magic 10S Pro, even though the Red magic is one of the best devices for gaming, I would prefer a more practical device now instead of a gaming phone because I barely play mobile games recently and only in my free time. The Iphone gives a more flexible use compared to the Red Magic, has a good quality camera, offers more storage, and can run mobile games smoothly as well so I don't need a device that is made for gaming. I'm more focused on my daily life activities and not just to play high end games. It's useful on school apps, faster updates, and has some features that are more useful in my everyday life, that's why it is more reliable than the Red Magic. I am confident that this model will last me long and fits not just my everyday life but others as aswell, and I'm now more used to Apple devices than Android devices because IOS has a more basic interface compared to newer android units.

Conclusion:

From this activity I learned to pick a better device or model by their specifications and not just by popularity or how good it looks. By checking each specification of the two Android and IOS models like, camera, memory and storage, battery life, etc. I realized that an important factor when picking my preference on a device is that it should fit my daily needs and a more practical use, not just one that performs well on a specific aspect. The Red Magic 10S Pro really excels in performance for gaming because of its high refresh rate and a strong battery life, but the Iphone 17 Pro Max is more reliable and a better device overall compared to the Red magic. The Iphone 17 Pro Max is more balanced, has good camera quality, and great for long-term use, also more practical for both school and personal use. The best device is not always the one with higher or better specifications, but it's about how more useful will it be in your daily use, Your device choice must be reliable and flexible for everyday tasks.