Networking Academy
CISCO

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	Xiaomi 17 Pro Max	Iphone 17 Pro Max
Manufacturer	Xiaomi Global	Apple Inc.
Operating System	HyperOS 3 based on Android 16	IOS 26
Available Memory	This model offers 3 variants: 12GB+512GB, 16GB+512GB, 16GB+1TB	This models offers 12GB RAM and storage options: 256GB, 512GB, 1TB, and 2TB
Camera	It includes a 50MP Light Hunter 950L OIS main camera, 50MP ultrawide lens, 50MP telephoto and a 50MP front camera	Triple 48 MP Camera System
Wi-Fi Connectivity	This model supports Wi-Fi 7	This model supports Wi-Fi 7

Specifications	Android Device	iOS Device
Battery Information	7,500 mah Battery, Supports 100W HyperCharge, 50W wireless charging and 22.5W reverse wireless charging	5,088 mah Battery, Apple also says it offers a longer battery life for this model
Screen Size and Resolution	6.9 inch front display, 2.86 inch rear display OLED Display & 1.5K resolution 2656 x 1220 front display, 976 × 596 rear display	6.9 inch OLED Display & 2868 x 1320 Resolution
Size and Weight	162.9 x 77.6 x 8.0 mm in size & 219 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.

- Between the Xiaomi 17 Pro Max and the iPhone 17 Pro Max, I would go with the iPhone 17 Pro Max. My main reason is the long-term software support that Apple provides, which means I can keep the phone for many years without worrying about outdated updates. Even if Xiaomi has excellent hardware and fast charging, I think the iPhone offers a smoother overall experience, especially when it comes to app compatibility and security. Most of the apps I use for school and productivity work better on iOS, and I also prefer how Apple focuses on user privacy. For me, reliability and long-term use are more important than just having the strongest battery or fastest charging speed.

Conclusion:

From this activity, I realized that choosing a device is not only about looking at numbers like battery size or camera megapixels, but also about long-term value and usability. The Xiaomi 17 Pro Max stands out with powerful features and strong performance, but the iPhone 17 Pro Max fits better for someone like me who needs a device that will stay updated, secure, and consistent for years. The iPhone may not have the largest battery or the fastest charging, but it makes up for it with dependable performance, seamless updates, and a system that works well for both school and personal life. In the end, the best phone is the one that stays useful the longest and gives peace of mind in everyday use.