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 (2509FPN0BC)*	*iPhone 17 Pro Max (A3526)*
Manufacturer	*Xiaomi Corporation*	*Apple Inc.*
Operating System	*Android 16 (OS), HyperOS 3 (Vendor skin)*	*iOS 26*
Available Memory	*512GB UFS 4.1, 16GB RAM*	*512GB NVMe, 12GB RAM*
Camera	*Back (3x): 50 MP, f/1.7, 23mm (wide), 50 MP, f/2.4, 17mm, 102˚ (ultrawide), 50 MP, f/2.6, 115mm (telephoto)* *Front (1x): 50 MP, f/2.2, 21mm (wide)*	*Back (3x): 48 MP, f/1.8, 24mm (wide), 48 MP, f/2.2, 13mm, 120˚ (ultrawide), 48 MP, f/2.8, 100mm (telephoto)* *Front (1x): 18 MP multi-aspect, f/1.9, 20mm (ultrawide)*
Wi-Fi Connectivity	*Wi-Fi 802.11 a/b/g/n/ac/6e/7, dual-band, Wi-Fi Direct*	*Wi-Fi 802.11 a/b/g/n/ac/6e/7, tri-band, hotspot*

www.netacad.com

Specifications	Android Device	iOS Device
Battery Information	*Si/C Li-Ion 7500 mAh*	*Li-Ion 5088 mAh*
Screen Size and Resolution	*6.9 inches, 116.6 cm2* *1200 x 2608 pixels*	*6.9 inches, 115.6 cm2* *1320 x 2868 pixels*
Size and Weight	*162.9 x 77.6 x 8 mm (6.41 x 3.06 x 0.31 in)* *219 g (7.72 oz)*	*163.4 x 78 x 8.8 mm (6.43 x 3.07 x 0.35 in)* *233 g (8.22 oz)*

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

Device specifications courtesy of GSMArena. In terms of overall performance, endurance, and usability, the Xiaomi 17 Pro Max is my preferred choice. With similar specs head to head with the iPhone, its larger battery gives this android device the edge in enduring long sessions of gaming, streaming, surfing, and scrolling social media platforms. However, the iPhone does not come without its own suite of features such as ProRes RAW recording at 4K, which is an essential component in video production with its superior color depth and with the camera's superior color science. Aside from video and phone photography, the larger battery and stronger processor from the Xiaomi still reserves as my choice for a reliable and powerful phone for demanding tasks, gaming sessions with friends, and overall general use.

Concluding this activity, I learned the ways to research device models, configurations, and revisions thanks to the use of a computer and the internet. With this ease of access to information, people can now get informed about new issues, products, and reviews of new hardware like smartphones, tablets, laptops, and desktop computers. Through reading specifications of these devices, I can gauge the level of price to performance in terms of budget, such as reading up benchmarks of a certain SoC and comparing them to the price, and finding alternatives that contain better or cheaper ones. By knowing these devices, both android and iOS, you can know more about the ecosystem, software library, and hardware configurations that these devices have, so you can differentiate your device class, price range, and overall power, through a glance of the specs sheet.