

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	Galaxy S24 Ultra	iPhone 15 Pro Max
Manufacturer	Samsung	Apple
Operating System	Android 14 with One UI 6.1.1	iOS 17 (upgradable to iOS 18.6)
Available Memory	12GB RAM; 256GB/512GB/1TB storage	8GB RAM; 256GB/512GB/1TB storage
Camera	Rear: Quad (200MP + 50MP + 12MP + 10MP) Front: 12MP	Rear: Triple (48MP + 12MP + 12MP) Front: 12MP
Wi-Fi Connectivity	Wi-Fi 802.11 a/b/g/n/ac/6e/7, tri-band	Wi-Fi 802.11 a/b/g/n/ac/6e, tri-band

Specifications	Android Device	iOS Device
Battery Information	5000mAh; 45W wired, 15W wireless charging	4441mAh; 50% in 30 min wired, 15W wireless
Screen Size and Resolution	6.8" Dynamic AMOLED 2X 1440 x 3120 pixels	6.7" Super Retina XDR OLED 1290 x 2796 pixels
Size and Weight	162.3 x 79 x 8.6 mm; 233g	159.9 x 76.7 x 8.25 mm; 221g

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

For me I would choose the **Samsung Galaxy S24** Ultra as not only is the phone itself more powerful but its also more customizable compared to the Iphone 15 Pro Max. The Galaxy S24 Ultra also comes with a **stylus** as it can be used by both **artists** and **students** who take notes or like to draw while they are on the go without needing to carry a heavy tablet or multiple notebooks.

Conclusion:

This activity seems to have the goal to teach students on how to compare 2 different phone models and see which one they prefer more. And I feel that it has achieved that as it has taught me that when choosing a phone I would want to have for a while as my personal / work phone.