

Android Tablets - vs - iPads - vs - Chromebooks - vs - Microsoft Surface

WHAT'S THE DIFFERENCE ?

WHAT DO I NEED ?

COST ? FEATURES ? DURABILITY ?



Difference (Features vs Functionality)

A FEATURE refers to a specific aspect or characteristic of a product or service that distinguishes it from others in the market. It can be a physical attribute, a capability, or an added service that enhances the overall value of the product or service.

Example: a car may have features such as a sunroof, heated seats, or a backup camera. These features are not necessary for the car to function, but they provide additional benefits and may be desirable to certain customers. (Computing – large storage / webcam / touchscreen, etc)

Functionality can be thought of as the “must-have” components of a product or service.

Example: a car must have the functionality of being able to drive and transport people from one place to another. Without this fundamental functionality, the car would not be able to fulfill its purpose. (Computing - input / process / output / storage)

Comparing Computing Alternatives

Features	iPad Air	iPad Pro	Android Tablet	Chromebook	MS Surface
Operating Sys	iOS				
Touchscreen	Yes				
Internet Browser	Safari + Apps				
Email / Print	Yes / Yes				
Cam / Video Chat	Yes / Yes				
Connections	USB-C + FastChrg				
Storage	*On Board (+ USB)				
Communication	Wifi + BlueTooth				
Screen Size	11" - 13"				
Trackpad	Screen				

*On Board – Check size (32Gb, 64Gb, 128Gb, 256Gb, 512,Gb). More on board = more cost.

Comparing Computing Alternatives

Features	iPad Air	iPad Pro	Android Tablet	Chromebook	MS Surface
Battery Cost	\$40				
Battery Replacement	\$100 - \$120				
Battery Duration	10 hours				
Protective Case	Add-on				
Keyboard / Mouse	Add-on				
Cost New	\$599 - \$799				
Cost Used	\$80 - \$210 (gen 3)				

Comparing Computing Alternatives

Applications	iPad Air	iPad Pro	Android Tablet	Chromebook	MS Surface
Mail	iCloud / Gmail / Yahoo / Hotmail / MSN / AOL	iCloud / Gmail / Yahoo / Hotmail / MSN / AOL	iCloud / Gmail / Yahoo / Hotmail / MSN / AOL	iCloud / Gmail / Yahoo / Hotmail / MSN / AOL	iCloud / Gmail / Yahoo / Hotmail / MSN / AOL
Document Mgnt (Docs / Spread / Presentation)	Apple Apps Google Apps MS Apps <11"	Apple Apps Google Apps MS Apps <11"	Google Apps	Google Apps	MS Office
Applications Available From	Apple Store	Apple Store	Google Play Store	Google Play Store	Microsoft Internet (Windows)
Sim Card Possible	Upgraded Model	Upgraded Model	Upgraded Model	No	No

Can Any Of These Replace Your Laptop or Home Computer ?

YES !!!!!

But Understand Any Limitations And Be Ready To Adjust For Them

The diagram illustrates a laptop replacement setup. On the left, three device categories are shown: Surface (laptop), Chromebook (tablet), and Tablet (Android tablet). In the center, three accessories are listed: a USB to HDMI Adapter (\$10), a USB Powered Hub (\$20), and a Bluetooth keyboard and mouse. On the right, a 19-inch monitor (\$40) and a 256Gb Thumb drive or SD Card (\$15) are shown. A total cost of less than \$100 is indicated.

Surface

Chromebook

Tablet

USB to HDMI Adapter \$10

USB Powered Hub \$20

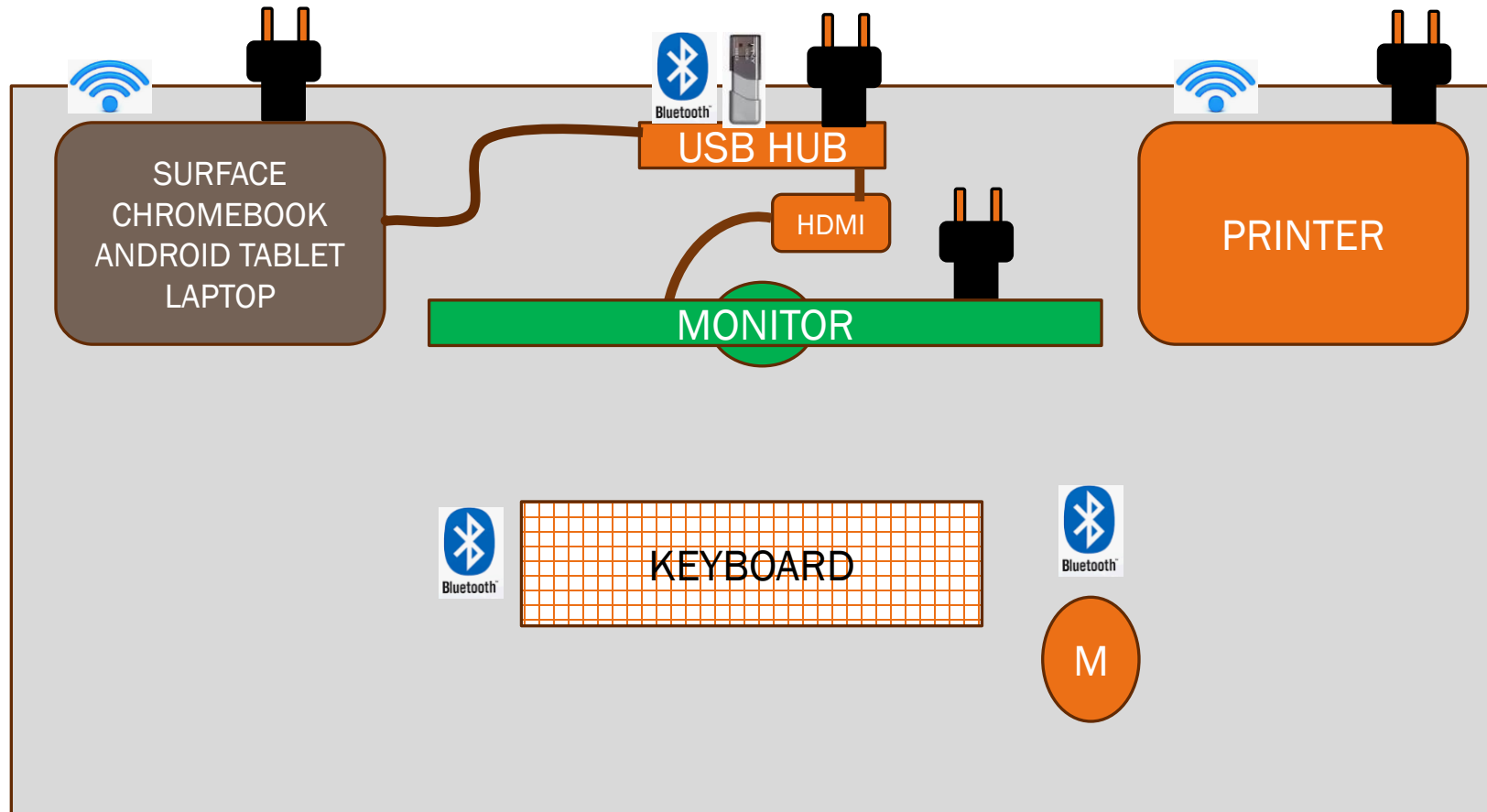
Keyboard & Mouse (Wireless) \$17 (Wired) \$16

Monitor 19" \$40

256Gb Thumb drive or SD Card \$15

TOTAL < \$100

Can Any Of These Replace Your Laptop or Home Computer ?



Next Meeting

DATE: July 31st.

SOFTWARE: Google Meet. (NOT ZOOM)

TOPIC: Purchasing Using eBay  and FB Market Place



Purpose: Researching cost and availability of Smartphones, iPads, Tablets, Chromebooks, MS Surface devices.

Comparing Computing Alternatives

Features	iPad Air	iPad Pro	Android Tablet	Chromebook	MS Surface
Operating Sys	iOS	iOS	Android	Chrome	Windows
Touchscreen	Yes	Yes	Yes	No / Yes	Yes
Internet Browser	Safari + Apps	Safari + Apps	Chrome + Apps	Chrome + Apps	Edge + Apps
Email / Print	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Cam / Video Chat	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Connections	USB-C + FastChrg	USB-C + FastChrg	USB Chrg	USB + HDMI	USB (USB-C?)
Storage	*On Board (+ USB)	*On Board (+ USB)	*On Board + SD Card	*On Board + SD Card	*On Board (+ USB)
Communication	Wifi + BlueTooth	Wifi + BlueTooth	Wifi + BlueTooth	Wifi + Bluetooth	Wifi + Bluetooth
Screen Size	11" - 13"	11" - 13"	5" - 14"	10" - 16"	13.5" - 15"
Trackpad	Screen	Screen	Screen	Yes	Yes

*On Board – Check size (32Gb, 64Gb, 128Gb, 256Gb, 512,Gb). More on board = more cost.

Comparing Computing Alternatives

Features	iPad Air	iPad Pro	Android Tablet	Chromebook	MS Surface
Battery Cost	\$40	\$40	\$18 - \$45	\$10 - \$60	\$50 - \$90
Battery Replacement	\$100 - \$120	\$100 - \$120	Most Are \$50 - \$150	Most Are \$50 - \$150	\$180
Battery Duration	10 hours	10 hours	8 - 11 hours	9 - 11 hours (upto 18)	9 - 16 hours
Protective Case	Add-on	Add-on	Add-on	Add-on	Add-on
Keyboard / Mouse	Add-on	Add-on	Add-on	Add-on	Add-on
Cost New	\$599 - \$799	\$999 - \$1299	\$50 - \$380	\$50 - \$330	\$799
Cost Used	\$80 - \$210 (gen 3)	\$210 - \$400 (gen 3)	\$60 - \$150	\$40 - \$100	\$ 100 - \$250 (pro 4-6)