



Folding Phones

Razr 5G & Z Flip 3 5G



Specifications

Motorola Razr 5G

Processor - Qualcomm 765

RAM - 8 GB RAM

Storage - 256GB (Useable 230GB)

Screens - P-OLED Interior 6.2" and G-OLED Exterior 2.7"

Camera - 48MP (Main) 20MP (Selfie)



Specifications

Samsung Z Flip 3 5G

Processor 888 Qualcomm

RAM 8GB

Storage 128GB (Useable 120GB)

Screens 6.7" AMOLED - 1.9" AMOLED

Camera(s) Two 12MP (ext.) One 10MP (fnt.)

Appearance





Operating System (OS)

Samsung Z Flip 3 5G - Samsung One UI 3.1.1 (based on Android 11).

One UI - 25GB + Secret Sauce

Motorola Razr 5G - Android 11 (stock)

AOSP - 12GB + Secret Sauce



Screen(s) Interior & Exterior Usability

Z Flip 3 5G

Exterior - Date/Time, Battery, Brightness, Volume, Notifications, Camera, Six Samsung Widgets

Interior - AMOLED Screen with center crease

Razr 5G

Exterior - Date/Time, Battery, Brightness, Volume, Notification, Camera, and Functional Applications

Interior - P-OLED Screen without crease.



Ergonomics

Unlike regular *Candy Bar Phones*, the power and volume switches/rocker are always in the same locations. The location of these features change when the phone is opened or closed. The volume rocker changes orientation for open or close

Z Flip 3 requires you to open the phone for Application interactions.

Razr 5G does not require you to open the phone for Application interaction.



Phone Setup

I used the *cable transfer* method from my Pixel 5 to each phone so that there would be no issues as to apps and their settings. For a baseline I used Nova 7 Launcher instead of the native launcher.

Since the Razr is stock Android, the transfer of my Gmail Account was done in less than 10 minutes. The transfer to the Z Flip 3 required not only transfer of my Gmail account, but additional Samsung Account. You can skip the Samsung Account but you lose all of the *Secret Sauce*. Transfer took over one hour.

In order for both phones to respond to same phone number, texts and voicemails, I used T Mobile Digits.



***My Subjective
Comments***



My Daily Use

Since my usage varies from day to day, I needed to get a baseline on battery life and the ease of use (opening and closing) for my daily work flow, so I alternated phones daily for the month of September.

Typical Battery Life

Z Flip 3 6am to 10pm - reserve 10%

Razr - 6am to 10pm - reserve 40%

Note: No charging during the 6am to 10pm



My Daily Use

Interaction with Notifications and Applications

I was able to interact with notifications on the Razr 80% of the time on the exterior screen, the only time I opened the phone was to improve my work flow for large emails or documents. While the Z Flip had to be opened, unlocked and the applications opened for content. The larger AMOLED Screen and 125 hz. refresh rate were causing faster battery drain

Note: I turned **on** the Z Flip dark mode and turned **off** the 125 hz. refresh rate to conserve battery.



My Closing Comments

Samsung Z Flip 3 5G.

Not a phone for power Users, because of battery life
Excellent phone if you are in to the Samsung Ecosystem
Screen crease can be bothersome .
Phone is very slippery, needs a skin or case

Motorola Razr 5G

Phone for power Users, but not Zombies
Because the Razr is stock Android it is much more flexible
Phone is very slippery, needs a skin or case

Note: Even the thinnest cases can add considerable bulk to these phones when closed



Future Presentations

Comparison of Apple Watch and OS 8 and Samsung Galaxy Watch 4 and Wear 3.0

Note: Wear 3.0 is the new Watch OS for Android Phone and Watches. The Galaxy 4 is currently the only Watch running 3.0