

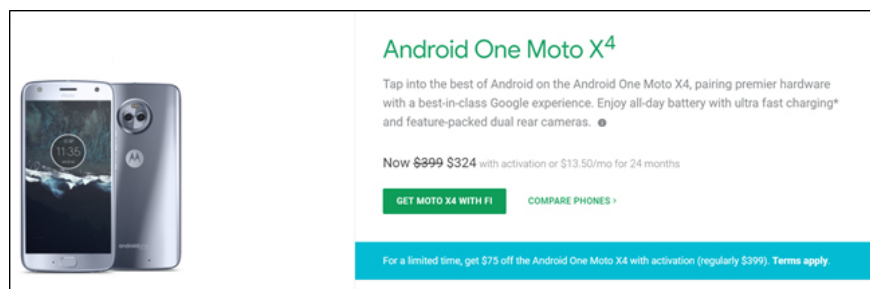
# How is Android One and Android Go different?

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## So what exactly is Android One?

Essentially, Android One is a hardware device designed for Google's emerging markets. Low cost, hardware devices with low configuration are the focus of Android One. But it's not simply hardware, it also has a specific set of "rules" that are consistent with Android One's key idea. Google wants to show these three things on Android One phones:

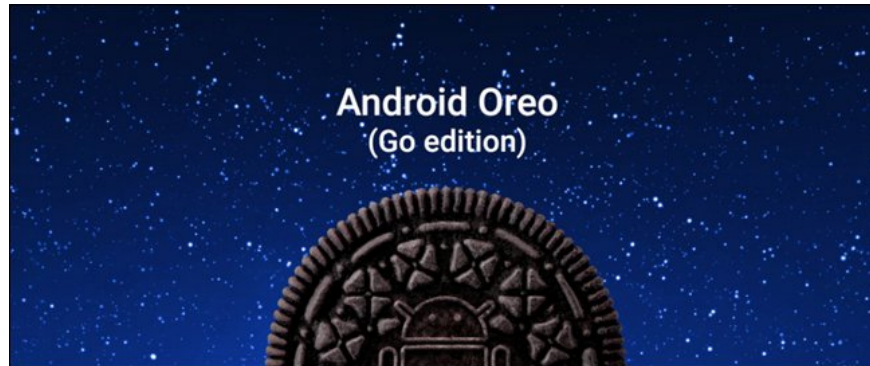


1. Original Android, unmodified: Any manufacturer who wants to release a device as part of the Android One program cannot modify the operating system with things like custom skins.
2. Periodic security updates: Manufacturers who want to build a device for Android One must commit to performing periodic security updates.
3. Strict hardware requirements: Google defines the maximum hardware specification for Android One phones and manufacturers must follow those requirements.

Essentially, Google wants more control with Android One, everything from hardware to software updates is set up by the company and manufacturers must agree to these requirements. Think of a cheap Pixel or Nexus device.

Although Android One was originally released for the purpose of bringing affordable, usable mobile devices to third world countries and emerging markets, we recently started see the change in this idea when One device becomes available in other parts of the world. For example, Project Fi has an Android One version of the Moto X4, can be purchased in the US and Xiaomi MI A1 is available globally.

# So what is Android Go?



On the other hand, Android Go is just pure software. Essentially it is a customized version of Android Oreo designed to run on hardware with about 0.5GB of RAM, and here are 3 main points about Android Go:

1. A "custom" operating system: It is still Android Oreo, but has been low-level hardware modifications.
2. A specific set of apps built for Android Go: Google has released a series of "Go" apps for restricted hardware, including YouTube Go, Files Go and many more.
3. Play Store: Play Store on Android Go is not technically different from Play Store on other Android devices but it highlights apps that will work best on restricted hardware, such as Facebook Lite.

See also: [All about how to use Facebook Messenger Lite](#)

Because Android Go is designed for low cost and parameterized hardware, it has improved data management tools, both for internal storage and mobile data. Android Go is only half the size of the original Android, giving devices with low internal memory (only 8GB) with more free space. Similarly, the Go app has 50% capacity compared to the full-sized version.



Thus, Android One is a phone, hardware defined and managed by Google, Android Go is pure software that can run on any hardware. There is no specific hardware requirement for Android Go like on Android One, although it was previously clearly designed for lower hardware.

If the manufacturer plans to launch a cheap phone, Google really wants them to use Android Go as the operating system, which is the purpose of designing Android Go. Android Go was originally designed for Android One, but now it seems to be a mobile operating system designed for emerging markets and third world countries (poor, developing countries).

Although, there is no clear information that Android Go is designed for emerging markets (just "cheap devices"), but this seems to be highly recommended. Most Go apps like YouTube Go and Google Go are geographically limited and not available in the US and while Google Android Go ads are available "around the world" it is unclear whether we will see it again. Should be widespread or not.

See more:

1. How to customize battery saving mode on Android Oreo
2. Instructions for using picture-in-picture mode on Android Oreo
3. Instructions on how to customize the notification center on Android Oreo - No need to root

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