

Learn Huawei's harmonyos 2.0 operating system

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In this article, we will learn together about the new operating system launched by Huawei not long ago with the name HarmonyOS 2.0, now starting to be equipped on a series of its products. Let's find out in detail the highlights below the article!

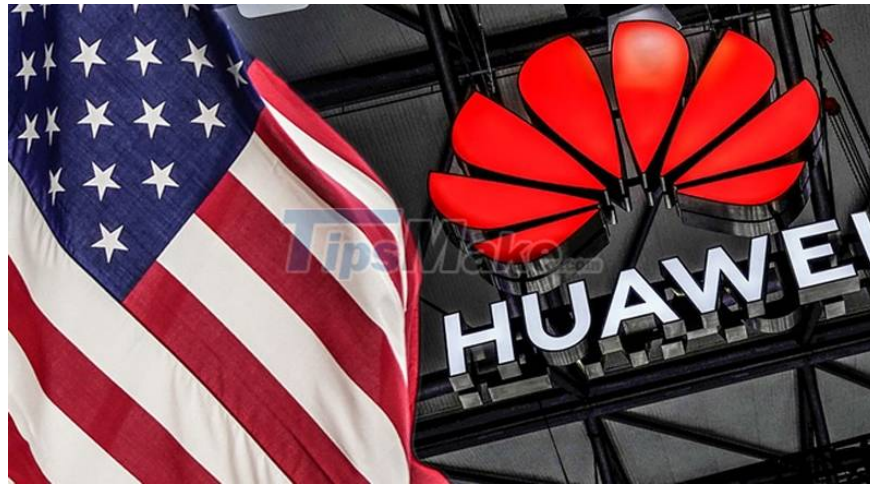
1. What is HarmonyOS 2.0's operating system?

HarmonyOS, also known as HongmengOS in China, is Huawei's in-house operating system that has been in development since 2012. HarmonyOS was released in its first version but only for devices such as smart displays, TV. This launch in version 2.0, officially running on smartphones, tablets and smartwatches was launched in an event on June 2, 2021.



2. The reason why HarmonyOS 2.0 was born

In 2019, the US government imposed sanctions on Chinese technology companies, which caused Huawei devices to lose the support of essential US software services such as services provided by Google. To solve this problem, Huawei has accelerated the development of their native operating system and launched HarmonyOS 2.0, an operating system that will unify their devices and provide multifunctional capabilities without the need for other services.



3. Which phones have HarmonyOS?

Now, Huawei has announced HarmonyOS 2.0 support for smartphones with up to 4GB RAM. By the end of 2021, we can expect HarmonyOS 2.0 to be compatible with devices with more than 4GB of RAM, paving the way for other smartphone makers to consider HarmonyOS 2.0 instead of Android.

While we wait for the full details on all the devices that will run the operating system, Huawei smartphones like Mate 40, P40, Mate 30, etc. will automatically receive the HarmonyOS 2.0 update. .



4. How to use HarmonyOS

If you have a compatible Huawei smartphone, you can download HarmonyOS 2.0 through the My Huawei app. You can then follow the onscreen instructions to download the HarmonyOS 2.0 update. Currently the operating system only applies to Huawei products and is not supported on phones of other manufacturers.



5. Highlights provided by Huawei

Exchange data securely via Super Device

Connecting to other devices is always secure with HarmonyOS 2. Only devices that meet strict security requirements can be connected via Super Device and the system manages the security level of each device connected, so that the more important the data, the tighter the protection.



Safety about security

HarmonyOS 2 has been awarded the EAL 4+ certification for information security, as well as the CC EAL 5+ micorkernal security certification. Multiple high-level security protections also keep your devices safe in every respect.



Exclusive font

Huawei launched a font set called HarmonyOS Sans 6 exclusively for HarmonyOS. Enjoy smooth lines combined with gently rounded curves for a truly harmonious vision. Text size automatically adjusts to fit different display formats, while font grayscale changes to fit all types of devices, for a more comfortable all-round viewing.

6. Can HarmonyOS run Android apps?

According to confirmed reports from Huawei, HarmonyOS will allow users to continue using Android applications by Huawei also providing users with a Petal Search tool that helps them quickly search for .apk files to install applications. Android apps not available on AppGallery. In initial testing, both Instagram, Netflix and Disney+ ran smoothly on HarmonyOS.

Also allow them to download and run HarmonyOS apps. However, it will not have access to the Play Store, as it is owned by Google. Harmony itself has more than 134,000 apps and more than four million developers signed in to distribute apps on the platform.

7. Can HarmonyOS replace Android?

Yes, it can, in some parts of the world. But a lot of work remains to be done as Android is the most used smartphone operating system and is unlikely to be replaced globally. Also, HarmonyOS is currently only being rolled out on Huawei devices, so it's unclear how many smartphone manufacturers will eventually opt for HarmonyOS. It could become common in China and possibly some other parts of Asia, but less likely for Western countries.

8. Does HarmonyOS support Google Play services?

You can still download Android apps on HarmonyOS, but Google apps, such as Gmail, Google Maps, and YouTube, won't run on HarmonyOS. The operating system will also no longer be able to use the Play Store or Google Play Services, which link all Google apps together, and many Google-related third-party services.

9. Is HarmonyOS any good?

HarmonyOS is a fork of Android, which means it's based on Android's open source code. So it's seen as an operating system that works in an almost familiar way. But it is still very early to judge. Only time will tell how good HarmonyOS is as it's still not a mainstream OS and there are a lot of contributing factors, so we can only wait and see how this plays out. .

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