

# Windows 11 is about to add a series of graphics improvements for high-frequency screens

In fact, devices with high refresh rate displays and support for variable refresh rate (VRR) are now no stranger to the Windows ecosystem — even some Microsoft Surface computers. also has a 120Hz display with VRR.

Therefore, the company wants to give users a better experience through the necessary improvements and additional features that support this type of display.

Accordingly, the latest Windows 11 preview build from Canary Channel has brought two important changes in graphics: Multi-screen and power optimization. The first improvement is intended for PC users with a setup of two or more high refresh rate monitors. It allows Windows 11 to adjust the refresh rate for specific content on each monitor. For example, you can set a higher value on a monitor that is playing a game, and a lower value on another monitor that is just displaying text or a still image. This feature will also be very useful for those who want to connect a gaming laptop to a separate monitor.

The second change will help a tablet or laptop with a high refresh rate screen consume less power when in battery saving mode. According to the release notes of build 25915, devices that support Dynamic Refresh Rate will automatically reduce the screen refresh rate to lower values ??until Battery Saver turns off. However, it should be noted that this change requires the device to support Dynamic Refresh Rate (the feature that adjusts the refresh rate depending on what is happening on the screen), not just the refresh rate. tall figure.



The two additional features mentioned above aren't the only display-related improvements recently introduced by Microsoft on Windows 11. The July 2023 Patch Tuesday update comes with content-based adaptive screen brightness control. content for laptops and 2-in-1 devices, allowing the brightness of different display areas to be automatically adjusted depending on what is playing on the screen. You can customize this feature in Settings > System > Display > Brightness and Color.

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