

# New Windows 10 feature helps extend battery life and reduce fan noise

Microsoft is working on a new feature that will tweak the performance of your PC's processor to both increase battery life and reduce fan noise.

The new feature - EcoQoS - is currently in beta with Windows Insiders, promising to make Windows 10 more efficient.

According to Raymond Li, program manager of Windows Fundamentals, the EcoQoS feature helps with better energy consumption, power reduction and heat regulation. This is a big change, especially for gamers, because their computers require high performance or high clock speeds, battery buffering and low noise. The improved battery life means less power is consumed by the CPU.

With EcoQoS, Windows 10 can solve power saving problems, especially processes that don't need constant high CPU performance or consume power from the battery. Windows can use EcoQoS to schedule programs to run more efficiently by configuring a CPU to run automatically at a more efficient clock speed. into what's important and doesn't stop you from completing your work.



In Microsoft tests, this feature has been shown to reduce CPU power consumption by up to 90% and only use half of the CPU power to get certain tasks done. The benefits that EcoQoS offers include background services, updaters, synchronization engine, and indexing service. But the premise is that developers must incorporate APIs into their applications.

Of course, whether the feature is allowed to work or not is up to the developers. Currently, EcoQoS is only compatible with Intel 10th and 11th generation mobile processors, AMD's Ryzen 5000 series processors, and Qualcomm. In the near future, Microsoft may apply this feature to desktops and servers.

EcoQoS is part of Microsoft's plan to reduce carbon emissions by 2030.

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