Tips to help your computer use electricity more efficiently

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To be fair, computers are not a power-hungry device like 'bagasse', at least when compared to other household devices such as air conditioners, refrigerators, ovens . However. they can also make you pay a heavy price if you use bluff through monthly bills.

There is an unquestionable fact that the more high-performance desktop computers, along with dedicated graphics hardware for gamers, are more power-hungry, in addition, old devices, Having used it for a long time also consumes more energy than new PC systems.

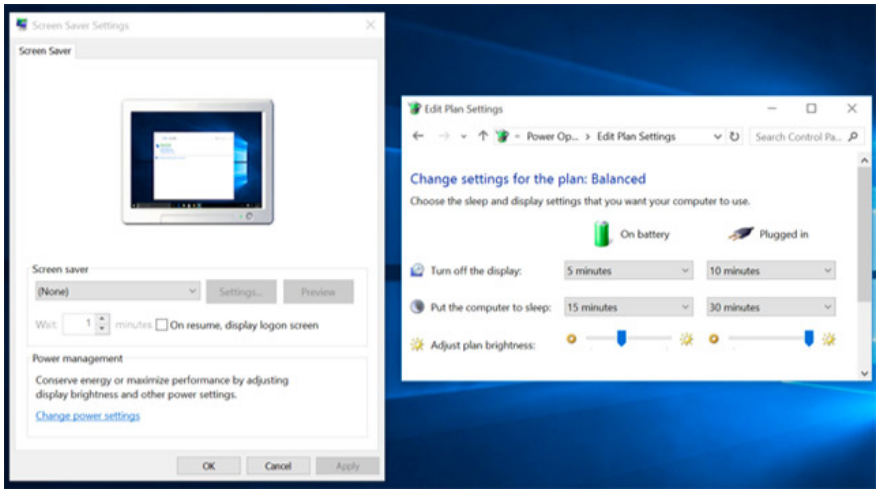
This is one thing we need to keep in mind when deciding to continue using the current stock machine or plan to buy a machine that someone liquidates.Depending on the price of electricity in the place where you live, you can save money by buying modern hardware that consumes less energy or continue using the old system for a while longer.

Tips to save energy with software

There are many energy saving tips you can consult to limit the amount of power your computer system is consuming.

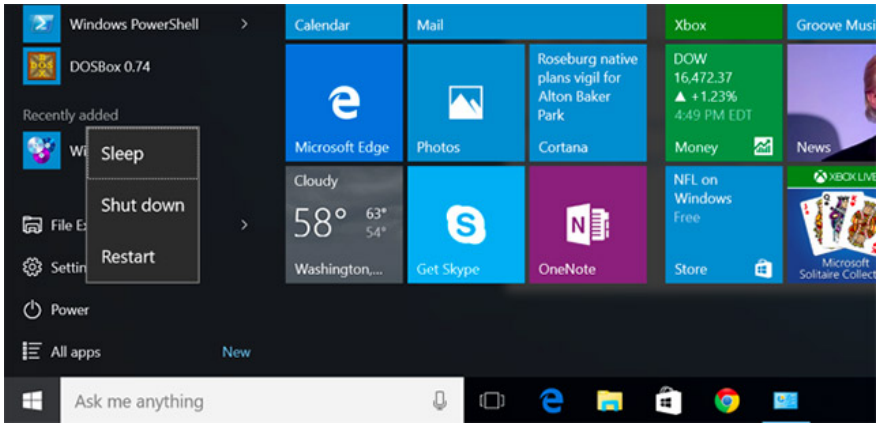
Don't just use the on-screen **Screensavers** feature, you should turn off the screen when there's no need to go outside or temporarily not use the device.Furthermore, today's Screensavers are no longer useful.Instead of letting your PC start the Screensavers and keep the screen still on, let the screen automatically switch to the standby mode when you're not using it.You can still move the mouse cursor or touch the keyboard to immediately return to the operating mode of the desktop.In the state of temporarily interrupting the screen, there will be almost no use of power.

In addition, the brightness setting of the screen to match the brightness in the room, as long as it does not cause dizziness, eye strain or difficulty in looking for a long time is also a useful way to help save energy.Obviously, the higher the screen brightness, the more energy it will use.



Use Sleep and Hibernate: You should not leave your computer turned on even when you are not using it continuously.But you should not just turn it off and then reboot when not in use, doing so both time-consuming and wasting the life of components in the system while energy efficiency is not worth it. how muchInstead, install your computer in sleep or hibernate when you don't use it continuously.

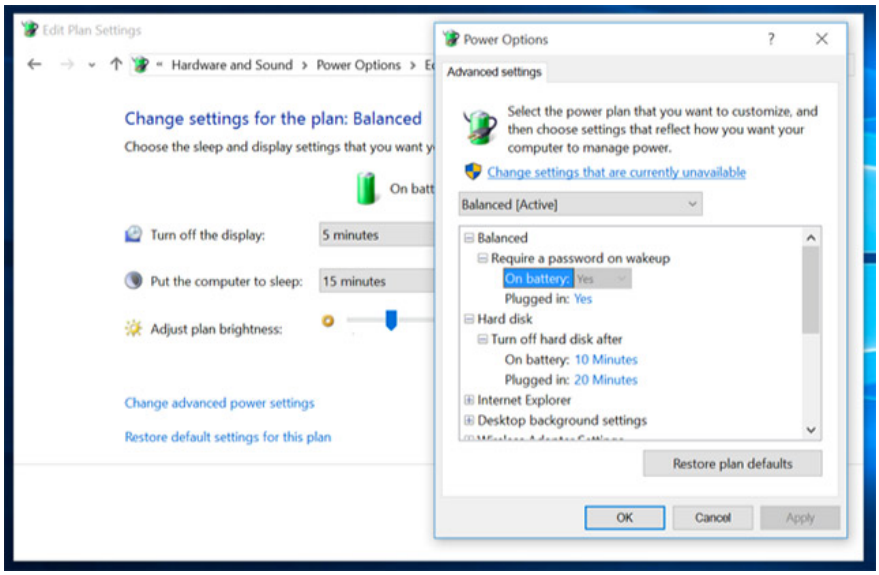
You can set this feature for the machine in the Start menu.In sleep mode, your computer will almost never use electricity, and when you want to continue working on your device, it only takes 2 to 4 seconds for the device to return to the screen to work with all open programs. like before you enable this feature.As for hibernation, your computer will not use any power at all, but it will take longer to reboot the screen and the computer session.Either way, these two features are still the best choices in saving energy and time when you are not using the computer continuously.



If you have a habit of using a computer to perform a task that takes a long time, such as downloading a program, and during that time you go out to do something else, use software that helps manage this. a smarter way.For example, applications like BitTorrent and applications that download other files often have a feature that allows you to automatically pause or hibernate the computer after the download process is complete.

Other tips: You should also apply more tips to help not only save energy but also increase the battery life of your laptop.For example, Windows has a feature that automatically adjusts your CPU to work at the slowest possible speed while not performing the tasks and performing other power-saving tweaks, including leaving the drive. Hard disk to sleep state when not working.You can customize the power usage plan and energy saving settings from the Power Options control panel in Windows.

You can also unplug the peripheral devices that you do not use much.For example, if you have a printer but only rarely use it, unplug it and turn it off until you need to use it.



Use hardware devices that consume less energy

This depends on your intended use and work requirements.The greater the power of the hardware, the more power it will consume.If your system simply does entertainment for your family or helps you work with light tasks such as text editing, web surfing, etc., you should invest in components that are geared towards energy saving. is the main (eg Intel's U-series processor chips are power-saving).Of course, most modern hardware has become more energy-efficient than before, but high-end graphics hardware, such as PC gamers for professional gamers, they Not only are monsters in graphics processing but also experts in power consumption.So, if the work requirements are not too strict and you don't need to weigh the heavy games, use built-in graphics cards that are sufficient and save significant power instead of using Use high-end graphics cards from NVIDIA or AMD.Even if you do not perform heavy tasks, these dedicated graphics cards often consume a lot of power even if they are only in standby mode, significantly more than the built-in graphics card.

Upgrade to an SSD: If your computer still uses an old mechanical hard disk drive like HDD, you notice that the drive is slower and uses more power than the current hard drive. Great, like SSD.Consider seriously whether you should upgrade your computer to an SSD drive to reduce its energy use and significantly increase the overall performance of the system.Of course, SSDs are relatively expensive, but the value that they bring to the users is also worth it.

If you want to check how much energy your current hardware is consuming, you can use an energy monitoring device like Kill-a-Watt to check the current amount of electrical hardware How much are you using then compare the performance analysis if you upgrade the system to a higher level.Finally apply the amount of electricity that the system consumes with electricity in the living area and you will see how much money you can save from this upgrade.

You may even consider switching to a Raspberry Pi.These ARM-based systems are not powerful, but in return they are cheap, customizable and energy-efficient.

Be an efficient energy user, contributing to a better world!

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