

# How to view the application's energy usage with Task Manager on Windows 10

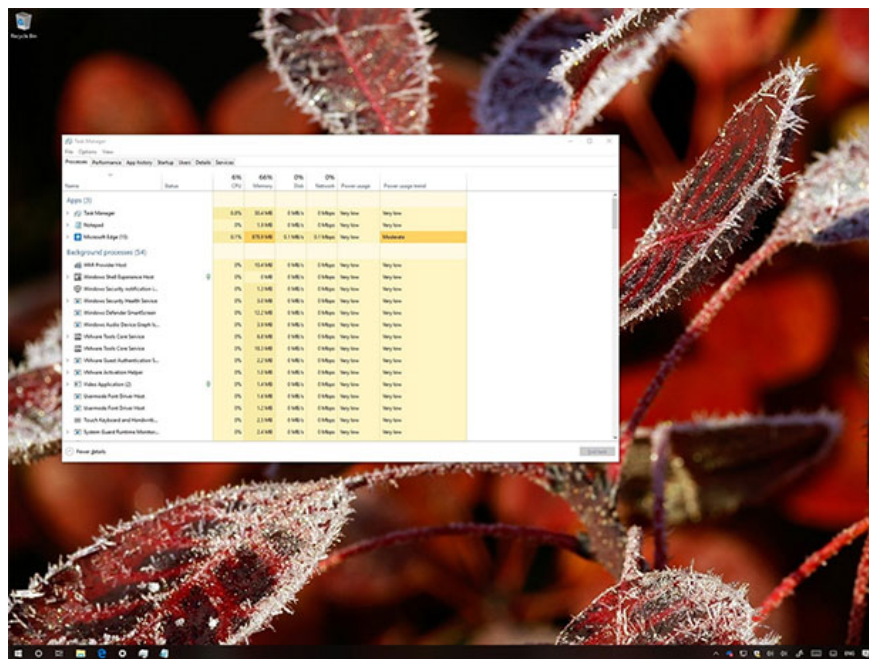
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Besides a host of new enhancements and features, the 2018 Windows 10 October Update (version 1809) also gives users an improved version of Task Manager. Specifically, Microsoft has added two columns of information that you can use to analyze the energy usage for each application and service running on the system in the Processes tab.

## 1. 6 simple ways to open Task Manager on Windows

This new feature will use the processor, graphics and drive information to calculate energy data, which will help you know which applications and services use a lot of energy and what The application uses the least energy and compares the results together. So, if you carry and use a laptop or tablet outside, be sure to use this new feature to know which applications to avoid to optimize the device's battery life. Or if you notice that your device's battery is draining faster than usual, this feature can tell you which application is the culprit.



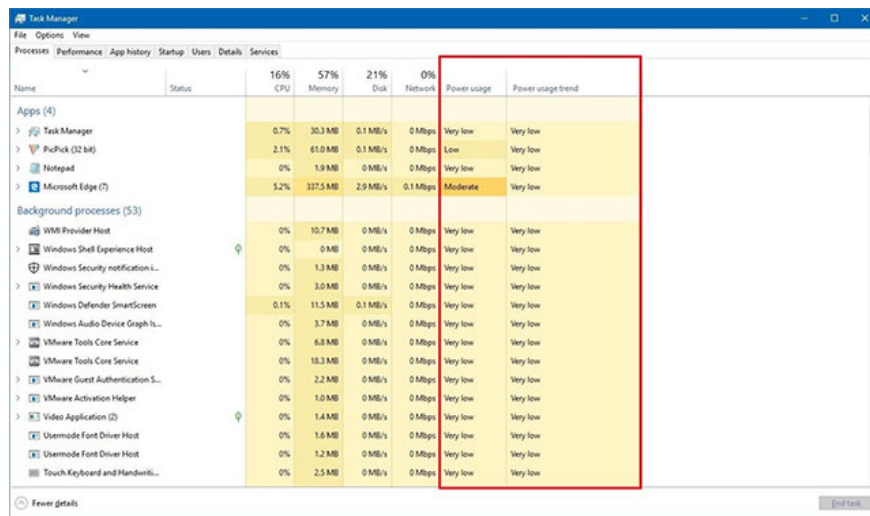
In this tutorial, we will show you the easy steps to use the new energy counter on Windows 10 Task Manager to be effective.

1. How to monitor GPU performance in Task Manager of Windows 10

## How to view the energy usage status of applications in Task Manager

To quickly view information about the energy usage of applications and services, on the system, follow these steps:

1. Right-click on the taskbar.
2. Select the **Task Manager** option.
3. Click the **Processes** tab.



The screenshot shows the Windows Task Manager window with the 'Processes' tab selected. The window displays a list of running processes with columns for Name, Status, CPU, Memory, Disk, Network, Power usage, and Power usage trend. A red box highlights the 'Power usage' and 'Power usage trend' columns. The 'Power usage' column shows energy levels such as 'Very low', 'Low', and 'Moderate'. The 'Power usage trend' column shows the trend as 'Very low'.

Name	Status	CPU	Memory	Disk	Network	Power usage	Power usage trend
<b>Apps (4)</b>							
Task Manager		0.7%	30.3 MB	0.1 MB/s	0 Mbps	Very low	Very low
PidPick (32 bit)		2.1%	61.0 MB	0.1 MB/s	0 Mbps	Low	Very low
Notepad		0%	1.0 MB	0 MB/s	0 Mbps	Very low	Very low
Microsoft Edge (7)		5.2%	317.5 MB	2.9 MB/s	0.1 Mbps	Moderate	Very low
<b>Background processes (53)</b>							
WMI Provider Host		0%	10.7 MB	0 MB/s	0 Mbps	Very low	Very low
Windows Shell Experience Host		0%	0 MB	0 MB/s	0 Mbps	Very low	Very low
Windows Security notification...		0%	1.3 MB	0 MB/s	0 Mbps	Very low	Very low
Windows Security Health Service		0%	3.0 MB	0 MB/s	0 Mbps	Very low	Very low
Windows Defender SmartScreen		0.1%	11.5 MB	0.1 MB/s	0 Mbps	Very low	Very low
Windows Audio Device Graph Is...		0%	3.7 MB	0 MB/s	0 Mbps	Very low	Very low
VMware Tools Core Service		0%	6.8 MB	0 MB/s	0 Mbps	Very low	Very low
VMware Tools Core Service		0%	15.3 MB	0 MB/s	0 Mbps	Very low	Very low
VMware Guest Authentication S...		0%	2.2 MB	0 MB/s	0 Mbps	Very low	Very low
VMware Activation Helper		0%	1.0 MB	0 MB/s	0 Mbps	Very low	Very low
Video Application (2)		0%	1.4 MB	0 MB/s	0 Mbps	Very low	Very low
Usermode Font Driver Host		0%	1.6 MB	0 MB/s	0 Mbps	Very low	Very low
Usermode Font Driver Host		0%	1.2 MB	0 MB/s	0 Mbps	Very low	Very low
Touch Keyboard and Handwriti...		0%	2.5 MB	0 MB/s	0 Mbps	Very low	Very low

Once you have access to the **Processes** tab, you will notice two new columns of information, including **Power usage** and **Power usage trend** .

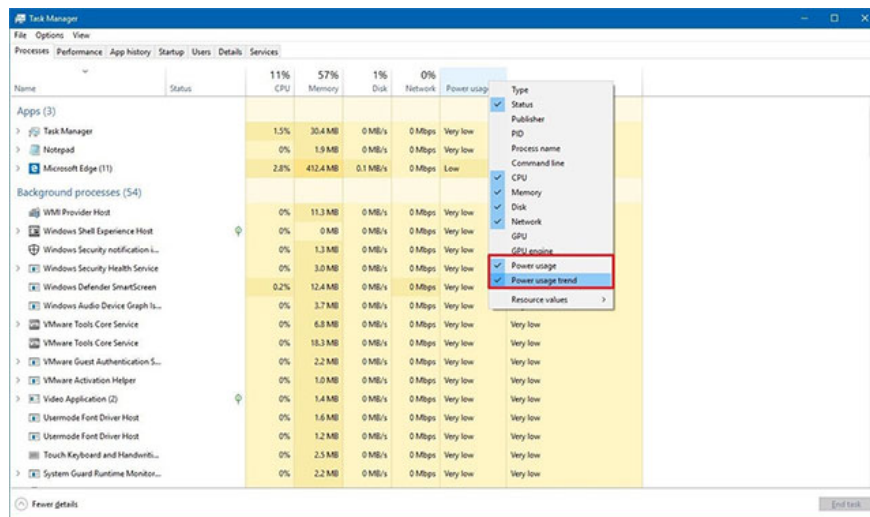
Using the **Power usage** column, you can see the energy level that applications or services on the system are consuming in real time.

After that, use the column **Power usage trend** , you can also see how the energy use of applications and services takes place within the last 2 minutes (when you first start the application, will lose two minutes to fill in information).

## How to add energy usage monitoring mode to the application to Task Manager.

If you don't see two columns Power usage trend and Power usage trend appear in your Task Manager, follow these steps:

1. Right-click on the taskbar.
2. Select the **Task Manager** option.
3. Click the **Processes** tab.
4. Right-click any available column header in the **Processes** tab and select the **Power usage** option.



5. Right-click any available column title again and select the **Power usage trend option** .

In case all of the above options are unavailable, perhaps your Windows is not running the latest version of Windows 10. Note that this feature will only be available starting from Windows 10 October 2018 update onwards.

Above is information and how to use the new energy usage management feature on Windows 10, hope the information in the article is useful to you!

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3. How to do, customize in the article will help your Windows 10 "as fast as the wind"
4. Which upgrade will improve your computer's performance the most?

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