

How to change the Maximum processor frequency setting in Windows 10

Processor frequency specifies the operating frequency of the core (s) in the CPU, in MHz. The higher the CPU frequency, the faster the processor. This guide will show you how to change the Maximum processor frequency setting in Windows 10.

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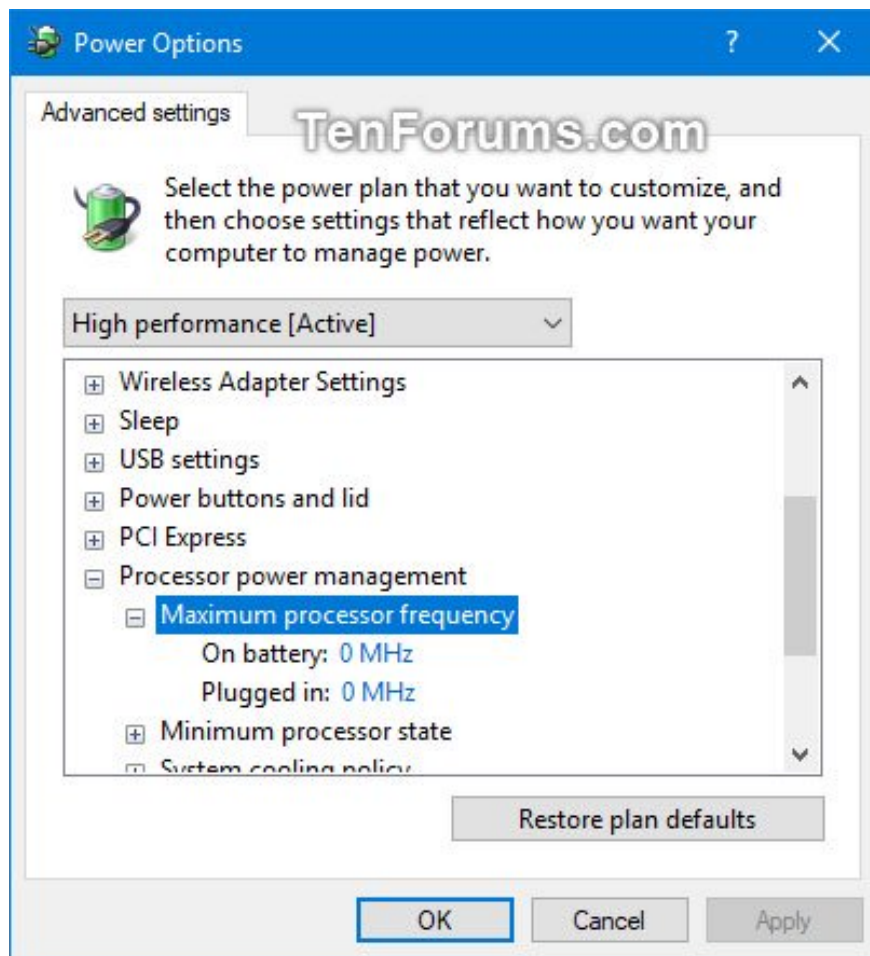
You can specify the approximate maximum frequency (in MHz) of the processor in Windows 10 to limit the frequency if needed, for example, to save energy or the CPU is overheating at high frequencies. By default, the maximum processor frequency is set to **0** (unlimited), allowing the processor to run at maximum power.

This guide will show you how to change the maximum processor frequency setting in Windows 10.

Note : Any change to the maximum processor frequency setting will affect all users on the PC using the same power plan.

Change the "Maximum processor frequency" setting in Power Options

1. If not, first need to add the **"Maximum processor frequency" setting to Power Options.**
2. Open advanced source settings for the current power plan.
3. Expand the **Processor power management** setting, set the **Maximum processor frequency to** the number of MHz you want and click **OK.**



Change the "Maximum processor frequency" setting in Power Options

Change the "Maximum processor frequency" setting in the Command Prompt

1. Open Command Prompt.
2. Enter the command (s) below you want to use into the **Command Prompt** and press **Enter**. You can close the Command Prompt when finished.

(If using battery)

```
powercfg -setdcvalueindex SCHEME_CURRENT 54533251-82be-4824-96c1-47b60b740d00 751
```

(If the charger is plugged in)

```
powercfg -setacvalueindex SCHEME_CURRENT 54533251-82be-4824-96c1-47b60b740d00 751
```

Replace in the above commands with the maximum processor frequency you want.

For example:

```
powercfg -setdcvalueindex SCHEME_CURRENT 54533251-82be-4824-96c1-47b60b740d00 751
```

```
powercfg -setacvalueindex SCHEME_CURRENT 54533251-82be-4824-96c1-47b60b740d00 751
```



Change the "Maximum processor frequency" setting in the Command Prompt

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