

# CPUPOWER Settings

In order to get the best performance from your processor for audio work, you need to set the CPU mode to 'performance'

## To Set Temporarily

To temporarily change this setting which resets upon reboot, run this command in your console:

```
sudo /usr/bin/cpupower frequency-set -g performance
```

This will set your CPU to it's maximum rated speed. This will draw more power, and if you are using a laptop, it will drain the battery quicker.

## To Set Permanently

If you wish to make this change permanent, you need to create a special text file.

Using your console text editor of choice create the following file (for this example, I will use nano which is pre-installed with openSUSE).

```
sudo nano /etc/systemd/system/cpupower.service
```

Copy and paste the following text into the newly created file:

---

[Unit]

Description=CPU powersave

[Service] Type=oneshot ExecStart=/usr/bin/cpupower frequency-set -g performance

[Install]

WantedBy=multi-user.target

---

Then save and close the file (in nano it's **ctrl + o** then **enter** to save. To exit press **ctrl + x**

Then run the following command:

```
sudo systemctl daemon-reload
```

Followed by:

```
systemctl enable cpupower.service
```

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Last update: **2021/04/28 10:18**

