

WARNING - IMPORTANT

With this Program can you set manually the fan speed of your TUXEDO Notebook. You can destroy your Notebook, when you set a to low fan speed!

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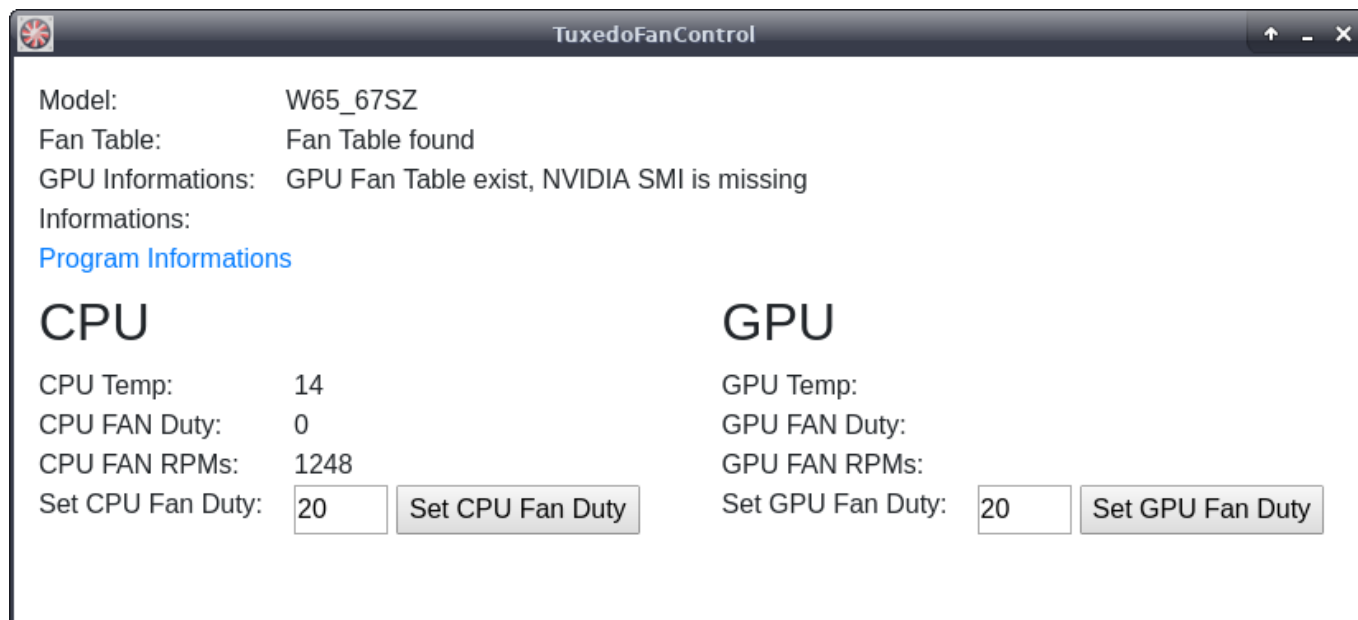
Induction

The TUXEDO Fan Control is a Application and Daemon for controlling the fans of CPU and GPU of your TUXEDO Notebook device.

Dependencies

- NVIDIA SMI for Controlling the NVIDIA GPU Fan (Only need at devices with nvidia graphic cards)
- Xvfb (X Window Virtual Framebuffer)

UI



The UI of the TUXEDO Fan Control show you the Stats of the CPU and GPU Fans.

The Informations are

- Temperature
- Fan Duty in Percent
- Fan Speed in RPM

When the [Daemon](#) is activ in the backgroud, you can not set the fan duty over the UI.

Installation

Ubuntu

apt install /tuxedofancontrol__amd64.deb Example, the deb file, with the version 0.0.4, is located under the Download dir of the user "tux"

```
apt install /home/tux/Downloads/tuxedofancontrol_0.0.4_amd64.deb
```

We recommend apt for the installation, because apt install the package [dependencies](#) of TUXEDO Fan Control.

Files and locations

Installation dir: /opt/tuxedofancontrol/

Log dir: /var/log/tuxedo-fan/

Daemon

The TUXEDO Fan Control Daemon check every second the CPU and GPU temperature and set the fan duty, if need it.

Systemd - Create Service File

Create the Service file under `/lib/systemd/system/` with the Name `"tuxedofancontrol.service"`

```
[Unit]
Description=TUXEDO Fan Control

[Service]
Type=forking
ExecStart=/bin/bash -c "Xvfb :99 & export DISPLAY=:99 &&
<path>/tuxedofancontrol --startdaemon"
ExecStop=/bin/bash -c "Xvfb :99 & export DISPLAY=:99 &&
<path>/tuxedofancontrol --stopdaemon"
ExecReload=/bin/bash -c "Xvfb :99 & export DISPLAY=:99 &&
<path>/tuxedofancontrol --restartdaemon"

Restart=always

[Install]
WantedBy=multi-user.target
```

Systemd - Control the Daemon

Enable

```
systemctl enable tuxedofancontrol
```

Disable

```
systemctl disable tuxedofancontrol
```

Start

```
systemctl start tuxedofancontrol
```

Stop

```
systemctl stop tuxedofancontrol
```

Restart

```
systemctl restart tuxedofancontrol
```

Commandline Interface (CLI)

Parameter

-h / --help

Print all the Parameters and Descriptions

-v / --version

Print the Version of TUXEDO Fan Control

--startdaemon

Start the TUXEDO Fan Control Daemon

--stopdaemon

Stop the TUXEDO Fan Control Daemon

--restartdaemon

Restart the TUXEDO Fan Control Daemon

--statusdaemon

Print the Status TUXEDO Fan Control Daemon

--createunitfile

Create Unit File for Systemd

--removeunitfile

Remove Unit File for Systemd