

## GNU/Linux Administration - Support #836

### Enable Fan Control Support on Arch Linux

07/30/2016 01:42 PM - Daniel Curtis

<b>Status:</b>	Closed	<b>Start date:</b>	07/31/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Curtis	<b>% Done:</b>	100%
<b>Category:</b>	Workstation	<b>Estimated time:</b>	0.50 hour
<b>Target version:</b>	Arch Linux	<b>Spent time:</b>	0.50 hour

#### Description

I recently needed to add fan control support to a Dell Inspiron on Arch Linux in order to get the fans to idle properly. This is a guide on how I set up the Fan Control.

### Prepare the Environment

- Make sure the system is up to date:

```
pacman -Syu
```

- Install [yaourt](#)

### Install i8kutils

- Install i8kutils from the AUR:

```
yaourt -S i8kutils
```

- Edit the i8kmon config:

```
sudo nano /etc/i8kutils/i8kmon.conf:
```

- Enable the fan control option permanently:

```
set config(auto) 1
```

### i8kmon Service

- Create the i8kmon.service file:

```
sudo nano /etc/systemd/system/i8kmon.service
```

- And add the following:

```
[Unit]
Description=i8kmon

[Service]
ExecStart=/usr/bin/i8kmon -d
Restart=always
RestartSec=5

[Install]
```

WantedBy=multi-user.target

## Resources

- [https://wiki.archlinux.org/index.php/Fan\\_speed\\_control#i8kutils](https://wiki.archlinux.org/index.php/Fan_speed_control#i8kutils)
- <https://bbs.archlinux.org/viewtopic.php?id=114316>

## History

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### #1 - 07/30/2016 01:43 PM - Daniel Curtis

- *Description updated*
- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

### #2 - 09/12/2016 07:28 PM - Daniel Curtis

- *Status changed from Resolved to Closed*