

??

**Switching off the USB/LAN IC**

Turn OFF USB chip

```
echo '1-1' |sudo tee /sys/bus/usb/drivers/usb/unbind
```

Turn ON USB chip

```
echo '1-1' |sudo tee /sys/bus/usb/drivers/usb/bind
```

Total = 7hrs 21mins

**Turn OFF HDMI output**

Turn OFF HDMI output

```
sudo /opt/vc/bin/tvservice -o
```

Turn ON HDMI output

```
sudo /opt/vc/bin/tvservice -p
```

Total = 4hrs 11mins

**Throttle CPU**

/boot/config.txt

```
arm_freq_min=250  
core_freq_min=100  
sdram_freq_min=150  
over_voltage_min=0
```

**Disable Wi-Fi & Bluetooth**

/boot/config.txt?

```
dtoverlay=pi3-disable-wifi
```

```
dtoverlay=pi3-disable-bt
```

**Disable on-board LEDs**

/boot/config.txt?

```
dtparam=act_led_trigger=none
```

```
dtparam=act_led_activelow=on
```

