

# Thinkpad on Linux

## Remap keys

I am using this to remap keys for faster navigation. When you pres [Fn] key, the cursor arrows are mapped as follows:

```
[ PGUP ]  
[ HOME ] [ PGDOWN ] [ END ]
```

~/.Xmodmap

```
keycode 171 = End  
keycode 172 = Next  
keycode 173 = Home  
keycode 174 = Prior
```

~/.xprofile

```
#tested on ThinkPad x201  
xmodmap -e "keycode 174 = Prior"  
xmodmap -e "keycode 172 = Next"  
xmodmap -e "keycode 173 = Home"  
xmodmap -e "keycode 171 = End"
```

## Modem

- Pro Vodafone stáhnout [tyto oladače](#) a rozbalit do adresáře /lib/firmware/gobi
- Nainstalovat balicky `apt-get install gobi-loader modemmanager`
- Nepridavat 05c6:9205 (z lusb) do /usr/lib/udev/rules.d/60-gobi.rules !!! je to USB ID po nahrani FW, pred nahranim to ma 05c6:9204 a to uz tam je. Pokud se tam nahraje i to prvni, tak to dokola loaduje fw a nenabehne to.
- Restartovat pocitac
- Po pripojeni skrz networkmanager lze nainstalovat a pouzit program modem-manager-gui k posilani a prijmani SMS, USSD kodu a sledovani detailu pripojeni

## odkazy a drivery pro ostatni operatory

- [http://www.thinkwiki.org/wiki/Qualcomm\\_Gobi\\_2000](http://www.thinkwiki.org/wiki/Qualcomm_Gobi_2000)
- <http://support.lenovo.com/us/en/downloads/ds001302>

# Thinklight

Dame vsem prisup k LEDkam:

[/etc/udev/rules.d/10-thinklight.rules](#)

```
SUBSYSTEM=="leds", ACTION=="add", RUN+="/bin/chmod -R o=u,g=u /sys%p"
SUBSYSTEM=="leds", ACTION=="change", ENV{TRIGGER}!="none",
RUN+="/bin/chmod -R o=u,g=u /sys%p"
```

Rebootneme nebo reloadneme udevadm control --reload-rules; udevadm trigger --verbose

Potom vytvorime tenhle skript s pravama pro spusteni:

[/usr/local/bin/thinklight](#)

```
#!/bin/sh
led='/sys/class/leds/tpacpi::thinklight/brightness';
state=$(cat "$led");
[ "$state" == 0 ] && new=255 || new=0;
echo "${1:-$new}" > "$led";
```

Muzem pouzivat tyhle prikazy

- thinklight - vypne/zapne svetylko (idealni jako ikonka na listu)
- thniklight 0 - vypne
- thniklight 255 - zapne

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Last update: **2016/10/29 23:05**

