

Installation of the modem 537ep (ctx603) under SuSE 9.1 and 9.2 (Kernel 2.6.)

Requirements:

- driver for the modem 537ep for Kernel 2.6 (**Version 2.60.80.0.or higher**). Look at <http://linmodems.technion.ac.il/resources.html> for downloading.
- Install the package **kernel-source** (adequate to your kernel version), **gcc** and **make**
- Install the package **minicom** for testing the modem
- Log in as **root**

Installation:

1. The modem is recognized as Creatix modem. Do not configure.
2. Copy the driver **intel-537-****.tgz** into the directory **/usr/src**.
3. Go into this directory **/usr/src**
4. Unzipped the driver with the command **tar - xzvf intel-537***.tgz**
5. This will create the a new directory called **intel-537EP_secure-*****0**
6. Change into this directory.
7. Set the commands
make clean
make 537
make install
If you get the error "make command not found" install the kernel-sources!
8. Now you can find the device 537ep at /dev. The driver also creates a link from /dev/modem to /dev/537ep for using KPPP.

Configuration:

1. **MINICOM:**
minicom is not a package of the standard installation and has to be installed additional. Start the program with the command *minicom -s*. With the arrow keys and the return taste go to "serial port setup" and change the entry for *A* into **/dev/modem** and for *E* into **115200 8 n 1** . Change these settings with "save setup as dff" and click on "exit". Now the terminal program is starting and you can communicate with modem with at commands. Check the country settings with **AT112** and change it with the command **AT+GCI=xx** (xx= B4 for UK, 7B for the Netherlands, 3D for France, B5 for USA).

0A	AUT (43) Österreich – Austria
31	DNK (45) Dänemark – Denmark
3D	FRA (33) Frankreich – France
04	DEU (49) Deutschland – Germany
7B	NLD (31) Niederlande – The Netherlands
A6	CHE (41) Schweiz – Suisse
B4	GBR (44) Großbritannien – United Kingdom
B5	USA

Now try to make a connection with the command **ATDT[phone number of a provider][enter]**.

2. **Kinternet/wvdial connection:**
Configure the modem with **YAST**. It is important to choose "**others (not recognized)**" because otherwise SuSE wants to install the wrong package. Configure this entry "others" with the baud rate **115200** and the Init1 **AT&F**. Then configure your provider. Now the Internet connection should function.