

# How to set up the Technisat/B2C2 Flexcop devices

## Note

This documentation is outdated.

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## Find out what device you have

Important Notice: The driver does NOT support Technisat USB 2 devices!

First start your linux box with a shipped kernel:

```
System Message: WARNING/2 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\admin-guide\media\[linux-master][Documentation][admin-guide][media]technisat.rst, line 19)
```

Cannot analyze code. No Pygments lexer found for "none".

```
.. code-block:: none
```

```
lspci -vvv for a PCI device (lsusb -vvv for an USB device) will show you for example:  
02:0b.0 Network controller: Technisan Electronics Co Ltd B2C2 FlexCopII DVB chip /  
Technisat SkyStar2 DVB card (rev 02)
```

```
dmesg | grep frontend may show you for example:  
DVB: registering frontend 0 (Conexant CX24123/CX24109)...
```

## Kernel compilation:

If the Flexcop / Technisat is the only DVB / TV / Radio device in your box get rid of unnecessary modules and check this one:

Multimedia support => Customise analog and hybrid tuner modules to build

In this directory uncheck every driver which is activated there (except Simple tuner support for ATSC 3rd generation only -> see case 9 please).

Then please activate:

- Main module part:

Multimedia support => DVB/ATSC adapters => Technisat/B2C2 FlexcopII(b) and FlexCopIII adapters

1. => Technisat/B2C2 Air/Sky/Cable2PC PCI (PCI card) or
2. => Technisat/B2C2 Air/Sky/Cable2PC USB (USB 1.1 adapter) and for troubleshooting purposes:
3. => Enable debug for the B2C2 FlexCop drivers

- Frontend / Tuner / Demodulator module part:

Multimedia support => DVB/ATSC adapters

=> Customise the frontend modules to build Customise DVB frontends =>

- SkyStar DVB-S Revision 2.3:

1. => Zarlink VP310/MT312/ZL10313 based
2. => Generic I2C PLL based tuners

- SkyStar DVB-S Revision 2.6:

1. => ST STV0299 based
2. => Generic I2C PLL based tuners

- SkyStar DVB-S Revision 2.7:

1. => Samsung S5H1420 based
2. => Integrant ITD1000 Zero IF tuner for DVB-S/DSS
3. => ISL6421 SEC controller

- SkyStar DVB-S Revision 2.8:

1. => Conexant CX24123 based
2. => Conexant CX24113/CX24128 tuner for DVB-S/DSS
3. => ISL6421 SEC controller

- AirStar DVB-T card:

1. => Zarlink MT352 based
2. => Generic I2C PLL based tuners

- CableStar DVB-C card:
  - 1. => ST STV0297 based
  - 2. => Generic I2C PLL based tuners
- AirStar ATSC card 1st generation:
  - 1. => Broadcom BCM3510
- AirStar ATSC card 2nd generation:
  - 1. => NxtWave Communications NXT2002/NXT2004 based
  - 2. => Generic I2C PLL based tuners
- AirStar ATSC card 3rd generation:
  - 1. => LG Electronics LGDT3302/LGDT3303 based
  - 2. Multimedia support => Customise analog and hybrid tuner modules to build => Simple tuner support