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# ZT-USBC

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## Linux User Manual

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## 1. ZT-USBC Linux Driver Installation

The ZT-USBC can be used in Linux OS. For Linux O.S, the recommended installation and uninstall steps are given in Sec 1.1 ~ 1.2

### 1.1 Linux Driver Installing Procedure

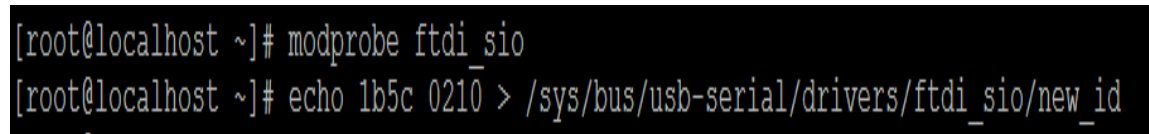
#### Linux PC or ICP DAS LinPAC

- Type below command to install linux driver

ZT-USBC module (Please refer to Figure 1-1):

**#modprobe ftdi\_sio**

**#echo 1b5c 0210 > /sys/bus/usb-serial/drivers/ftdi\_sio/new\_id**



```
[root@localhost ~]# modprobe ftdi_sio
[root@localhost ~]# echo 1b5c 0210 > /sys/bus/usb-serial/drivers/ftdi_sio/new_id
```

Figure 1-1

- Type command “**dmesg**” to check ZT-USBC device file(Please refer to Figure 1-2)

**#dmesg**

```
Nov  5 16:27:11 localhost kernel: usbcore: registered new interface driver usbserial
Nov  5 16:27:11 localhost kernel: USB Serial support registered for generic
Nov  5 16:27:11 localhost kernel: usbcore: registered new interface driver usbserial_generic
Nov  5 16:27:11 localhost kernel: usbserial: USB Serial Driver core
Nov  5 16:27:11 localhost kernel: USB Serial support registered for FTDI USB Serial Device
Nov  5 16:27:11 localhost kernel: usbcore: registered new interface driver ftdi_sio
Nov  5 16:27:11 localhost kernel: ftdi_sio: v1.5.0:USB FTDI Serial Converters Driver
Nov  5 16:27:14 localhost kernel: ftdi_sio 5-1:1.0: FTDI USB Serial Device converter detected
Nov  5 16:27:14 localhost kernel: usb 5-1: Detected FT232RL
Nov  5 16:27:14 localhost kernel: usb 5-1: Number of endpoints 2
Nov  5 16:27:14 localhost kernel: usb 5-1: Endpoint 1 MaxPacketSize 64
Nov  5 16:27:14 localhost kernel: usb 5-1: Endpoint 2 MaxPacketSize 64
Nov  5 16:27:14 localhost kernel: usb 5-1: Setting MaxPacketSize 64
Nov  5 16:27:14 localhost kernel: usb 5-1: FTDI USB Serial Device converter now attached to ttyUSB0
```

## 1.2 Linux Driver Uninstalling Procedure

### Linux PC or ICP DAS LinPAC

- Type below command to remove ZT-USBC Linux driver

**#modprobe -r ftdi\_sio**

**or**

**#rmmod ftdi\_sio**