
ZT-2510

Linux User Manual

Warranty

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1. ZT-2510 Linux Driver Installation

The ZT-2510 can be used in Linux OS. For Linux O.S, the recommended installation and uninstall steps are given in Sec 1.1 ~ 1.2

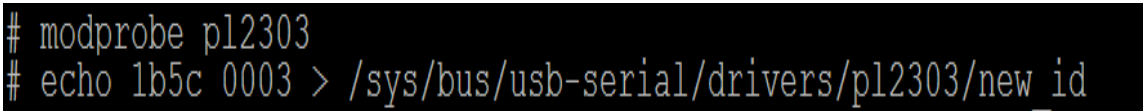
1.1 Linux Driver Installing Procedure

Linux PC or ICP DAS LinPAC

- Type below command to install linux driver

ZT-2510 module (Please refer to Figure 1-1):

```
#modprobe pl2303
#echo 1b5c 0003 > /sys/bus/usb-serial/drivers/pl2303/new_id
```

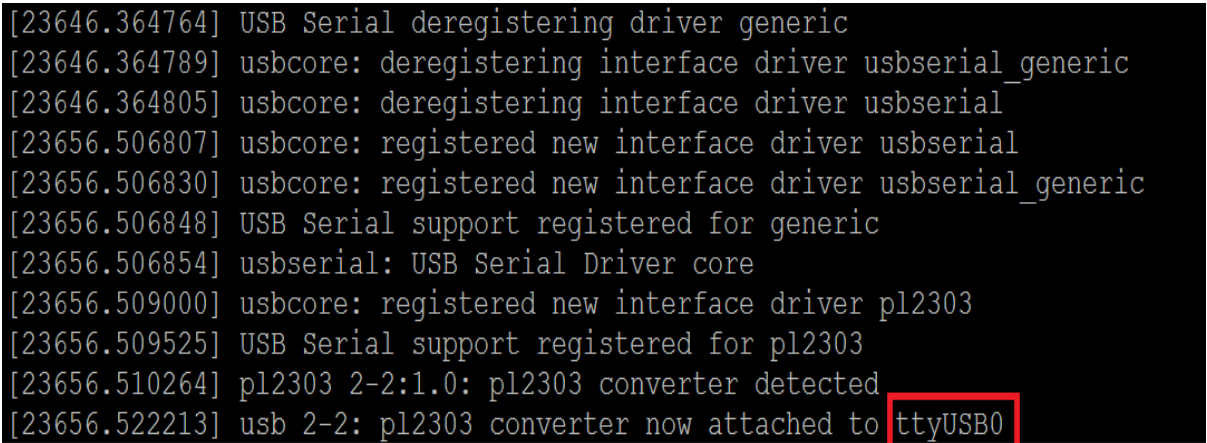


```
# modprobe pl2303
# echo 1b5c 0003 > /sys/bus/usb-serial/drivers/pl2303/new_id
```

Figure 1-1

- Type command “**dmesg**” to check ZT-2510 device file(Please refer to Figure 1-2)

```
#dmesg
```



```
[23646.364764] USB Serial deregistering driver generic
[23646.364789] usbcore: deregistering interface driver usbserial_generic
[23646.364805] usbcore: deregistering interface driver usbserial
[23656.506807] usbcore: registered new interface driver usbserial
[23656.506830] usbcore: registered new interface driver usbserial_generic
[23656.506848] USB Serial support registered for generic
[23656.506854] usbserial: USB Serial Driver core
[23656.509000] usbcore: registered new interface driver pl2303
[23656.509525] USB Serial support registered for pl2303
[23656.510264] pl2303 2-2:1.0: pl2303 converter detected
[23656.522213] usb 2-2: pl2303 converter now attached to ttyUSB0
```

Figure 1-2

1.2 Linux Driver Uninstalling Procedure

Linux PC or ICP DAS LinPAC

- Type below command to remove ZT-2510 Linux driver

#modprobe -r pl2303

or

#rmmod pl2303

2. ZT-2510(V2) Linux Driver Installation

The ZT-2510 with the word “V2” can be used in Linux OS. For Linux O.S, the recommended installation and uninstall steps are given in Sec 1.1 ~ 1.2

2.1 Linux Driver Installing Procedure

Linux PC or ICP DAS LinPAC

- Type below command to install linux driver

ZT-2510(V2) module (Please refer to Figure 2-1):

#modprobe ftdi_sio

#echo 1b5c 0213 > /sys/bus/usb-serial/drivers/ftdi_sio/new_id

```
# modprobe ftdi_sio
# echo 1b5c 0213 > /sys/bus/usb-serial/drivers/ftdi_sio/new_id
```

Figure 2-1

- Type command “**dmesg**” to check ZT-2510(V2) device file(Please refer to Figure 2-2)

#dmesg

```
[ 107.996018] usb 3-1: new full-speed USB device number 2 using uhci_hcd
[ 108.250037] usb 3-1: New USB device found, idVendor=1b5c, idProduct=0213
[ 108.250041] usb 3-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[ 108.250045] usb 3-1: Product: ZT-2510
[ 108.250049] usb 3-1: Manufacturer: ICPDAS
[ 108.250052] usb 3-1: SerialNumber: 006ZWVUM
[ 199.096347] ftdi_sio 3-1:1.0: FTDI USB Serial Device converter detected
[ 199.096400] usb 3-1: Detected FT-X
[ 199.096404] usb 3-1: Number of endpoints 2
[ 199.096408] usb 3-1: Endpoint 1 MaxPacketSize 64
[ 199.096411] usb 3-1: Endpoint 2 MaxPacketSize 64
[ 199.096414] usb 3-1: Setting MaxPacketSize 64
[ 199.099141] usb 3-1: FTDI USB Serial Device converter now attached to ttyUSB0
```

Figure 2-2

2.2 Linux Driver Uninstalling Procedure

Linux PC or ICP DAS LinPAC

- Type below command to remove ZT-2510(V2) Linux driver

#modprobe -r ftdi_sio

or

#rmmod ftdi_sio