# Instructions for EspressoBin-Ultra image

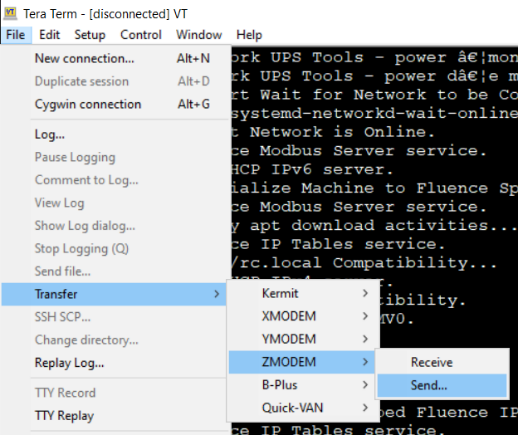
After installing the Linux image in the EspressoBin it’s necessary to make the following changes.

For that Login into the system.

## File Transfer with TeraTerm

These procedures use TeraTerm to transfer files from a Windows system to the EspressoBin.

To use this functionality on the Linux execute command “rz” and on TeraTerm use “Transfer | ZMODEM | Send…”:

 Graphical user interface, text, application, email

Description automatically generated

You can transfer multiple files at the same time.

## Updating controllino\_modbus Python files

Execute these commands:

1. cd /usr/local/bin
2. rz
3. < Initiate in TeraTerm the sending of files Controllino\_Modbus/usr-local-bin/\*.py >

Graphical user interface, text

Description automatically generated Graphical user interface, text, application, email

Description automatically generated

1. chmod 777 \*.py
2. cd controllino\_modbus\_utils
3. rz
4. < Initiate in TeraTerm the sending of all files in directory Controllino\_Modbus/usr-local-bin/controllino\_modbus\_utils >

Graphical user interface, text

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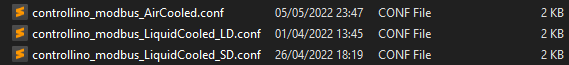
Description automatically generated

1. chmod 777 \*.py

## Updating controllino\_modbus.conf file

There are 3 types of Cubes:

Liquid-Cooled Long Duration, Liquid-Cooled Short Duration, and Air-Cooled



Execute these commands:

1. cd /usr/local/share/fluence
2. rz
3. mv controllino\_modbus.conf controllino\_modbus.conf.bak
4. < Initiate in TeraTerm the sending of all files in directory Controllino\_Modbus/usr-local-share-fluence >

Graphical user interface, text

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Description automatically generated

1. Depending on the type of Cube execute one of these commands:

If it is a Liquid-Cooled Long Duration Cube:

cp controllino\_modbus\_LiquidCooled\_LD.conf controllino\_modbus.conf

If it is a Liquid-Cooled Short Duration:

cp controllino\_modbus\_LiquidCooled\_SD.conf controllino\_modbus.conf

If it is an Air-Cooled:

cp controllino\_modbus\_AirCooled.conf controllino\_modbus.conf

## Updating Self-Configuration files

Execute these commands:

1. cd / home/fos/SelfConfiguration
2. rz
3. < Initiate in TeraTerm the sending of all files in directory Self\_Discovery/home-fos-SelfConfiguration >

Graphical user interface, text

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1. chmod 777 \*.py