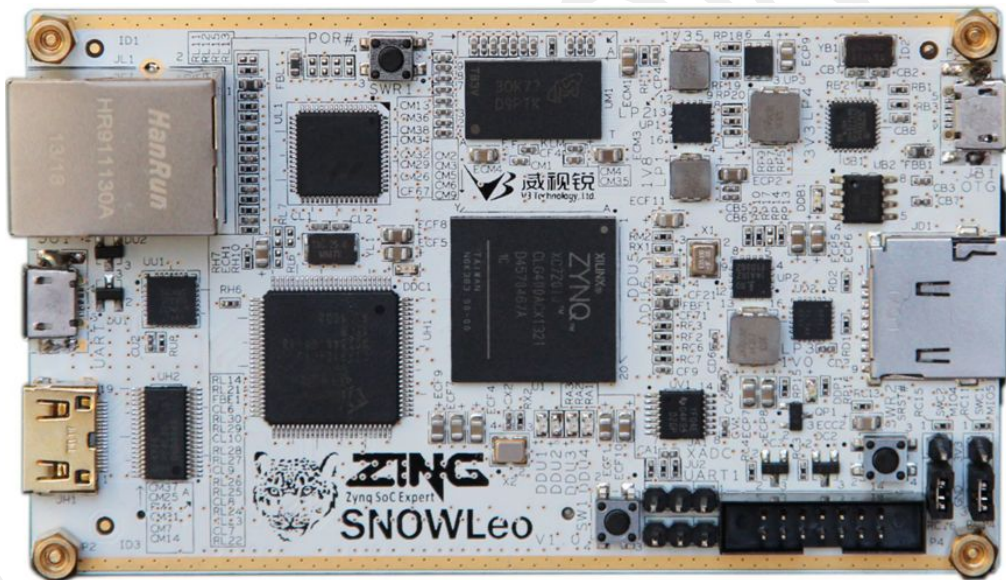


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# SNOWLeo Quick Start Guide



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Website: [www.zingsoc.com](http://www.zingsoc.com)  
Rev: 1.0  
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## 1. Revision History

The following table shows the revision history for this document. Change bars indicate the latest revisions.

Date	Version	Revision
26/05/2014	1.0	Initial release

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## 2. Hardware Requirements

To run and test the SNOWLeoSDR demonstration, the following items are required.

- The SNOWLeo kit.
- USB Type-A to USB Micro-B cable for UART communications and power supply .
- The Putty.exe or similar terminal program is necessary to show messages from UART printing and is helpful for debug.
- USB2.0 OTG Hub for keyboard,mouse,USB flash disk.
- HDMITypeC-HDMITypeA for graphical interfaces.
- USB-UART drivers from Silicon Labs:  
[http://www.silabs.com/Support%20Documents/Software/CP210x\\_VCP\\_Win\\_XP\\_S2K3\\_Vista\\_7.exe](http://www.silabs.com/Support%20Documents/Software/CP210x_VCP_Win_XP_S2K3_Vista_7.exe)
- 4GB TF card formatted to FAT32+EXT4. Boot.bin,devicetree.dtb and uImage are in FAT32.Ubuntu file system in EXT4.

### 3. Quick Start

- a. Follow below figure connecting the cable and tf card.

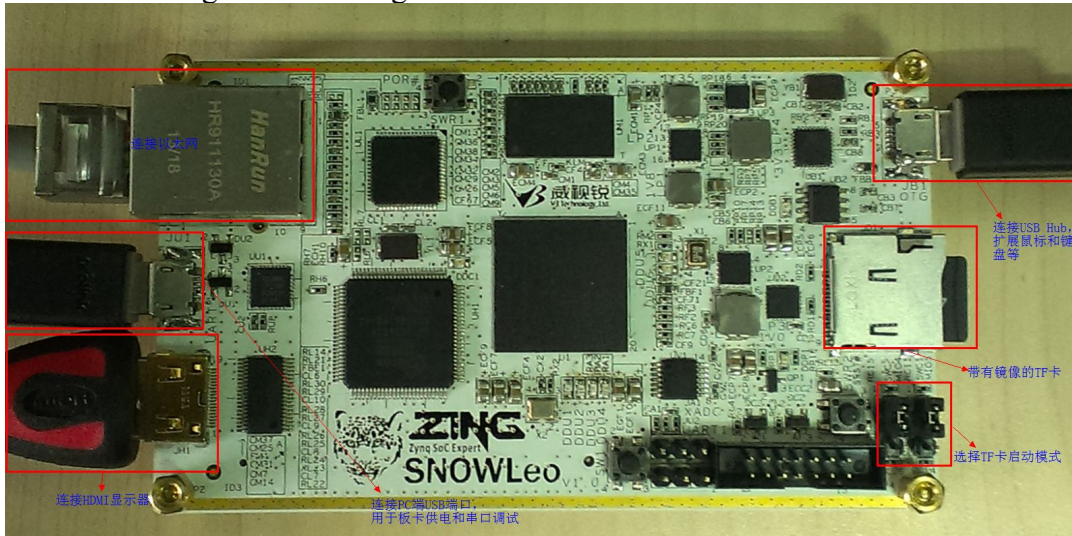


Figure 1-1

- b. Confirm COM number。 Open putty configure 115200/8/n/1/n.



Figure1-2

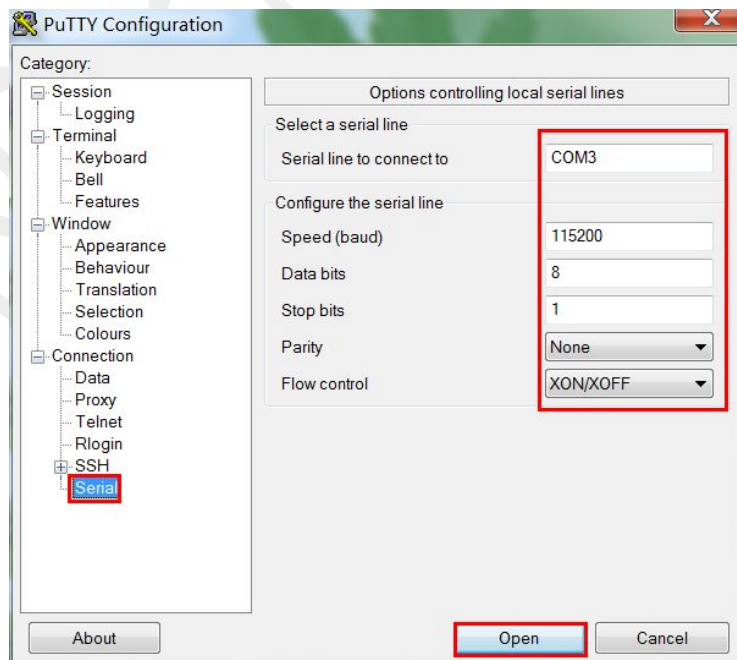


Figure 1-3

- c. Zynq is running and debug message is printed on putty

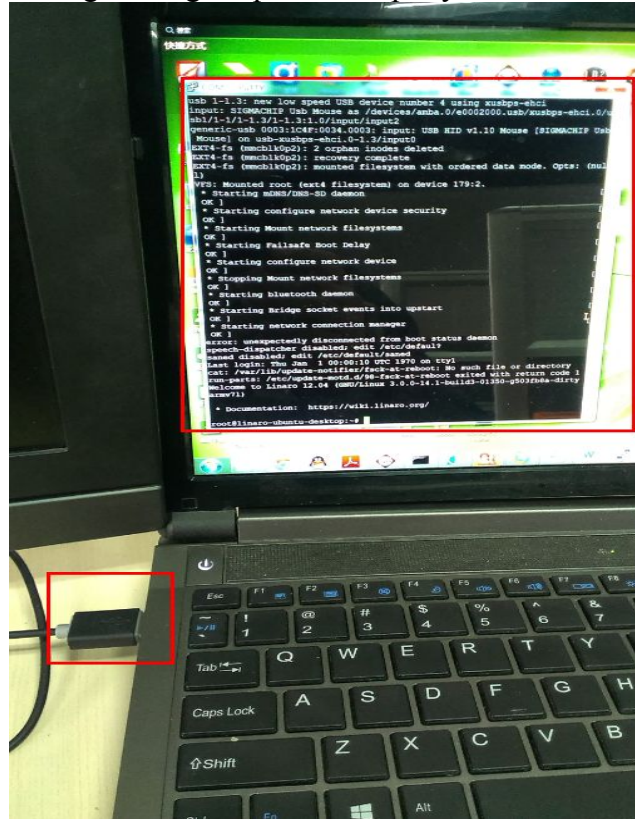


Figure 1-4

- d. About 15 seconds, linaro ubuntu will be appeared on HDMI display, which can be operated by keyboard and mouse, also usb flash disk is OK.



Figure 1-5