DWIN Linux Screen User Manual

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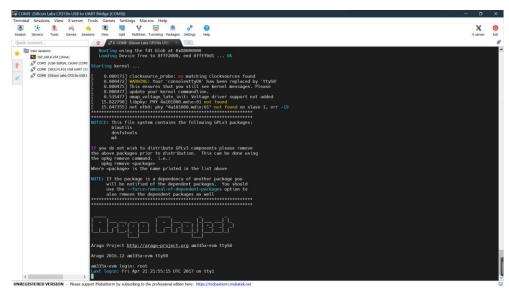
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Chapter 1 Hardware Configuration

1.1 Terminal Software

(1) You can download and use either SecureCRT or MobaXterm, and this section will introduce the use of MobaXterm.

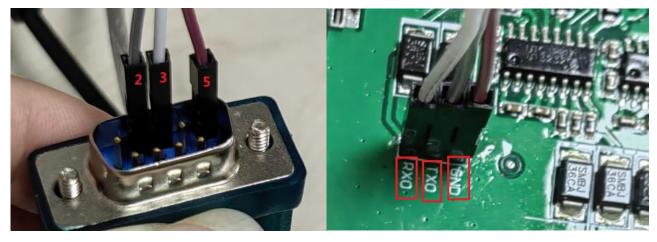




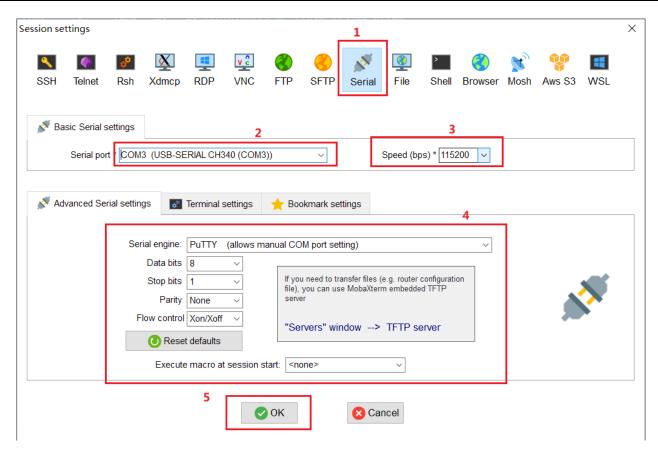
(2) There are two connection options for 35 series: Serial (UART 0) connection and Telnet connection by a network cable. 36 series can only be connected by serial.

1.2 Serial Connection

(1) Serial connection. As illustrated in the following pictures, connect No.2 to TX, No.3 to RX and No.5 to GND.



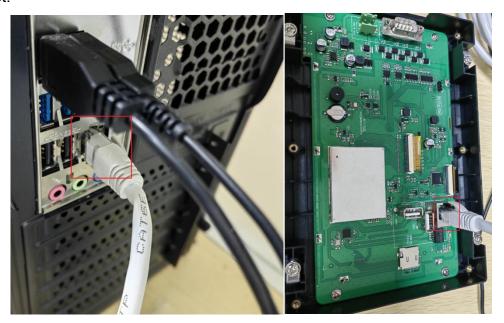
(2) Select [Sessions]-> [New Session]. First, select "serial". Next, select serial port and select speed. Last, check the information and click "OK" to finish.



(3) Power up the development board, and enter "root" to start. (Note: If you operate after a while after powering up, there may be no text on the displayed interface and only a black screen with no boot information. In this case, you only need to enter "root").

1.3 Serial Connection

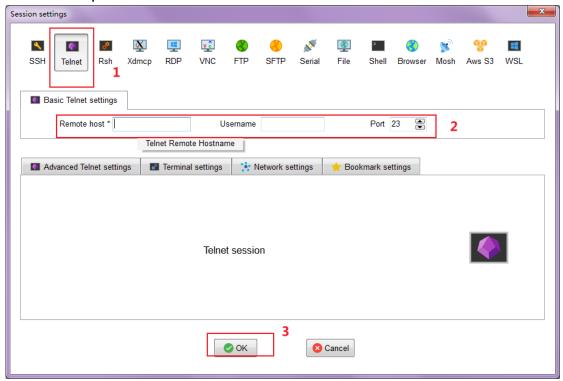
(1) Plug the network cable into the development board network port, and refer to the specific notes on the Internet.



(2) First, click "**Session**" and select "**New session**" then select "Telnet". Next, enter the IP of the development board and click "OK" (Note: the default IP of the development board is: 192.168.10.201 or 192.168.10.202. To achieve communication, the development board should be connected to the

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same LAN as the computer.

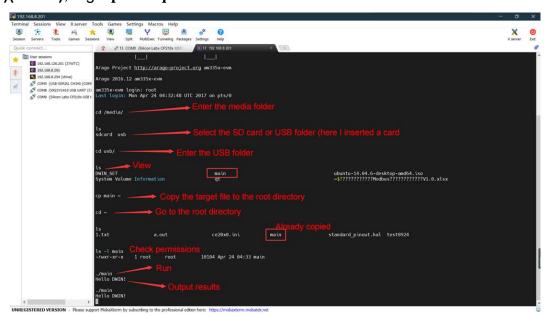


(3) Power on the development board and the following interface is displayed. Enter "root" to start.

Chapter 2 Project Download

2.1 USB Download

- (1) Copy the target file to the USB flash drive.
- (2) Insert the USB into the development board.
- (3) Open MobaXterm and connect the Linux screen to the PC. You can refer to <u>1.3</u> and <u>1.4</u>. Enter the command: **cd**/**mnt**/**usb** to open the "usb" folder and select "sdax" folder. Copy or move the target file to the target directory (you can customize the folder to avoid clutter) using the command: **cp** (target file)(folder), e.g. **cp** dwinqtdemo/usr/bin/.



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Revision records

Rev	Revise Date	Content	Editor
00	2022-12-2	First Edition	Lvzhi Chen

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Thank you all for continuous support of DWIN, and your approval is the driving force of our progress!

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