

# Lesson 1 ArmPi Pro LAN Connection

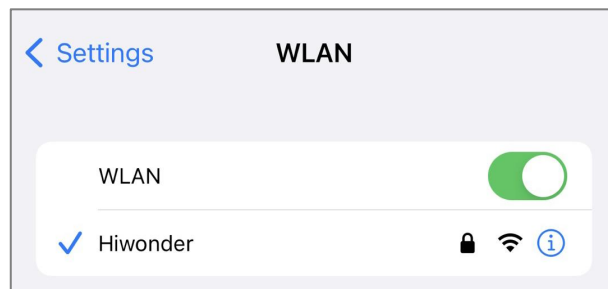
## 1. LAN Mode Introduction

Local Area Network (LAN) mode is that a device is used as a node to connect to the wireless router. This section takes Android system as an example. The operation process is also applicable to the iOS system.

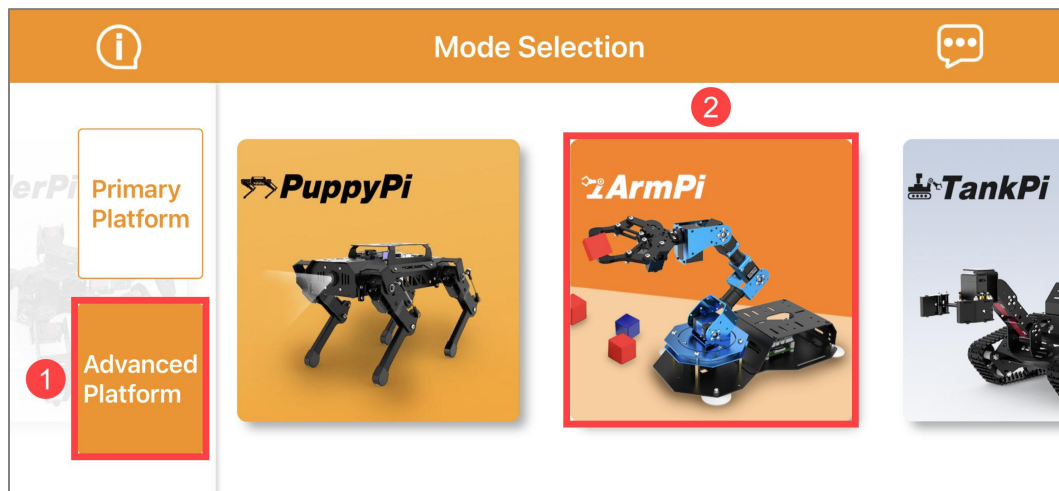
Before starting, please turn on the robot.

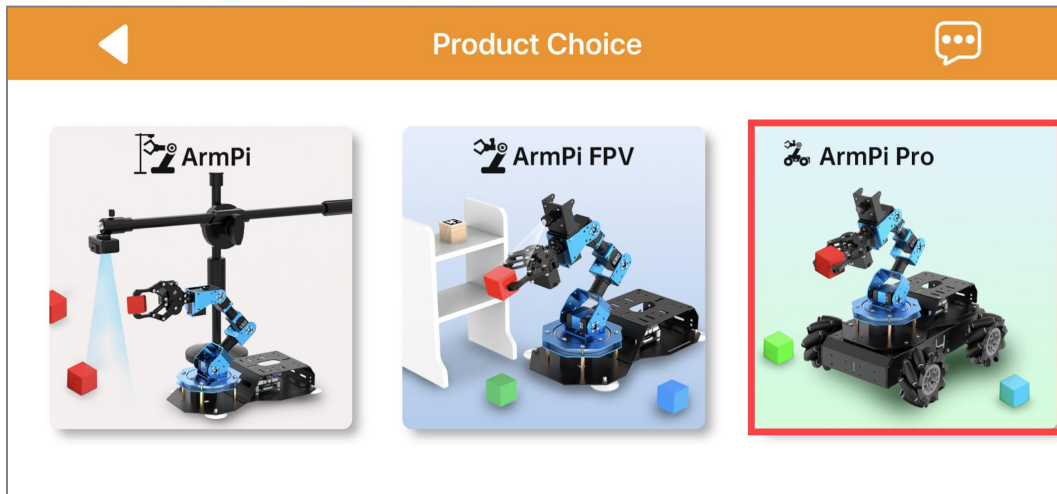
## 2. LAN Mode Connection

- 1) Firstly, connect Wi-Fi on your phone.

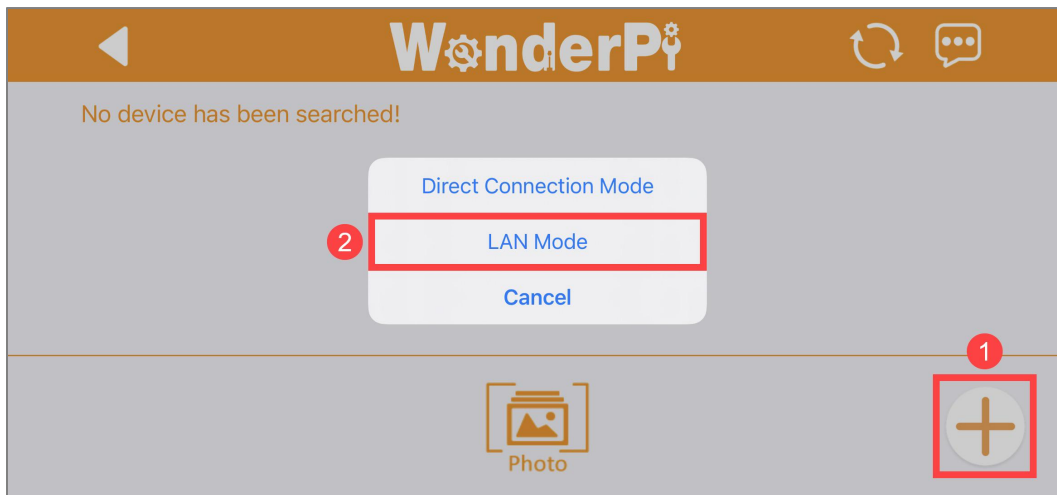


- 2) Open WonderPi, and then click “Advanced Platform->ArmPi->ArmPi Pro” in turn.

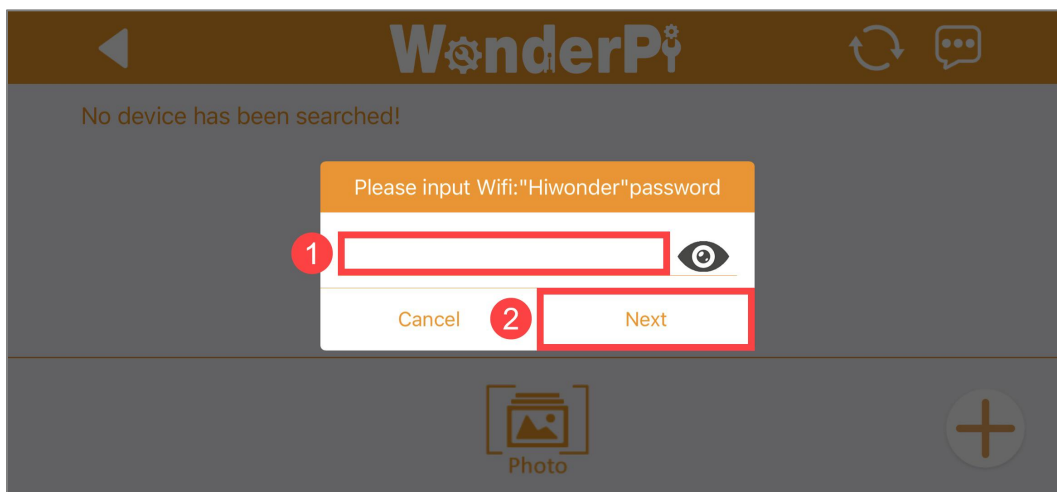




3) Click “+” button in the lower right corner, and then select “LAN Mode”.



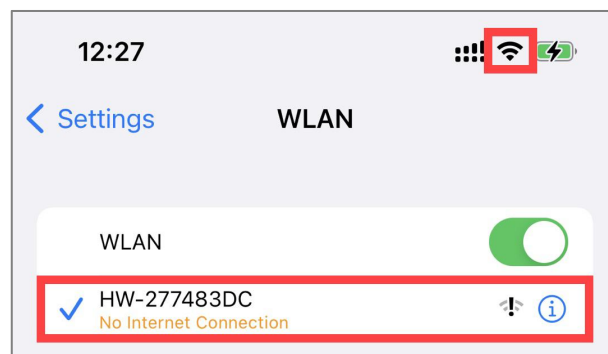
4) At this time, App will prompt to enter the password of the connected Wi-Fi (Please enter the password correctly, otherwise it will fail to connect). After entering, click “OK”.



- 5) Click “Go to connect device hotspots” to connect the device hotspot according to the prompt.



- 6) Click the device hotspot started with “HW”. After the connection is complete, return to app.



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Note: If you're iOS user, please wait until the Wi-Fi icon shows up. Then return to APP interface.

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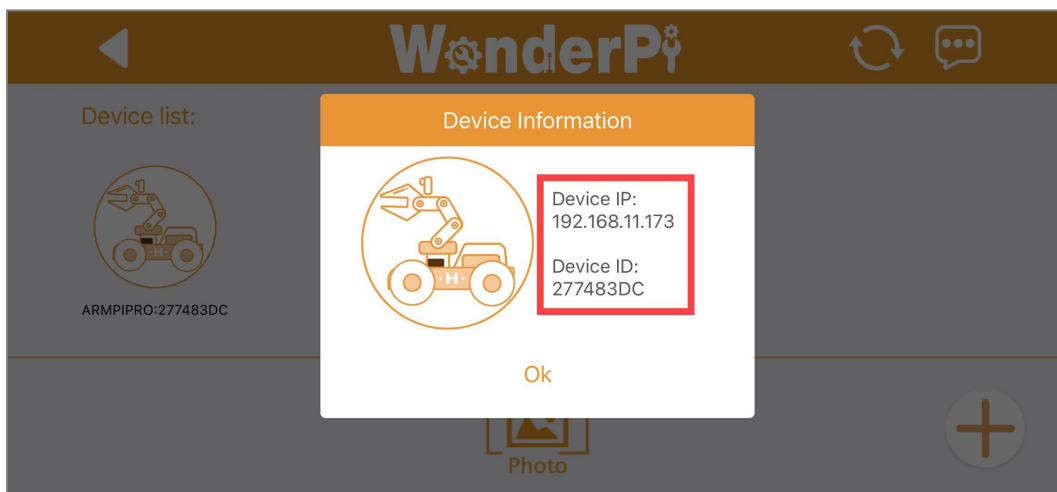
- 7) Then app is connecting automatically.



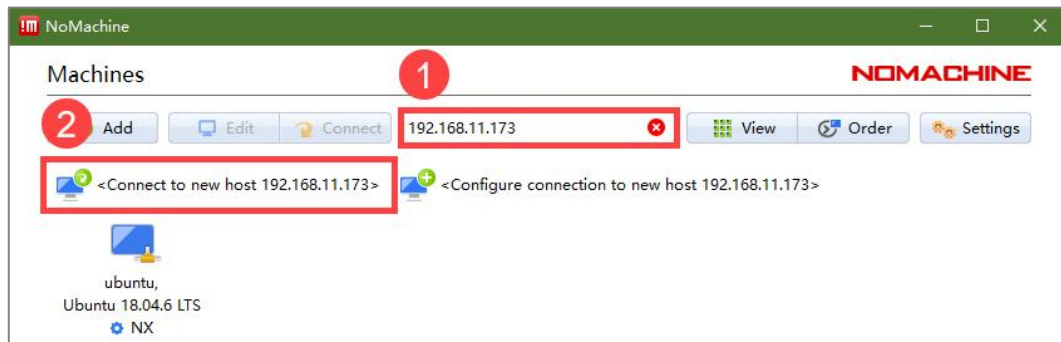
- 8) After a while, it will back to APP home interface and ArmPi Pro icon will appear. At the same time, LED2 on the expansion board keeps on.



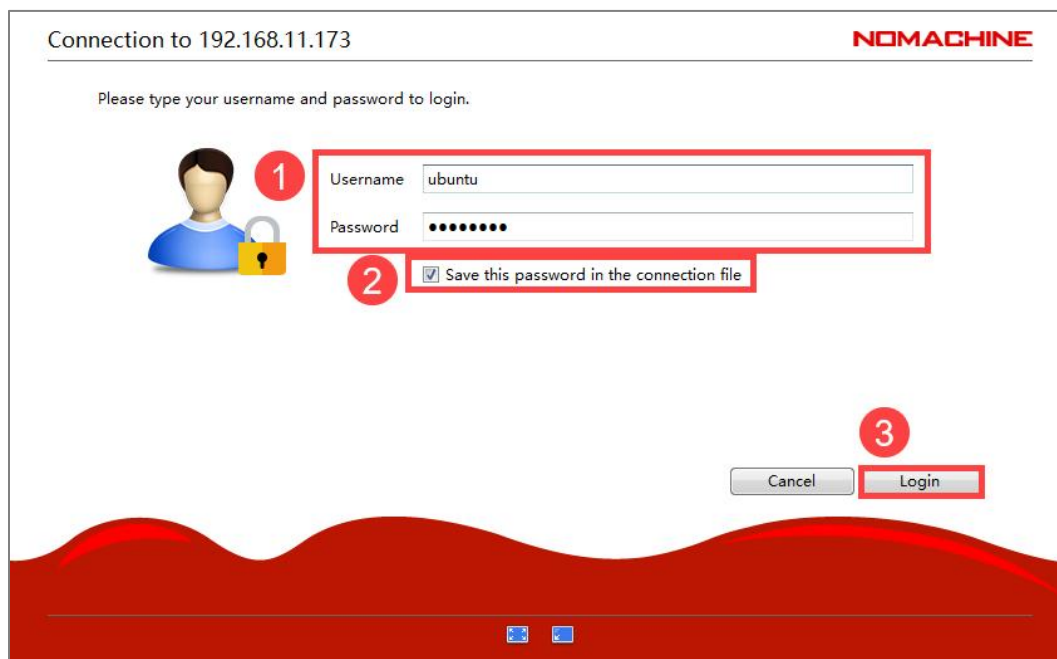
- 9) You can long press the robot icon (select the robot with ID is the same as the name of the connected Wi-Fi) in APP to check the IP and ID.



10) Search the obtained IP in “No Machine” and press “Enter”.



11) At this time, a prompt box pops up and ask for entering “Username” and “Password”. Enter the username “ubuntu” and the password “hiwonder”. Then tick “Save this password in connection file” and click “Login”. Click “OK ” in the pop-up interface to show the Raspberry Pi desktop.



12) If a warning dialog box appears in desktop, click “Cancel” to close it. (If it is a black screen with mouse cursor, please restart Raspberry Pi)

