Linux Driver Installation Documentation

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Overview：

This driver is based on CUPS universal UNIX Printing System, which support from serial port, parallel port, USB and Ethernet port. It also support printing text format, picture format and grating bitmap.

1, Unzip the “KPOS_Printer.tar.gz” file

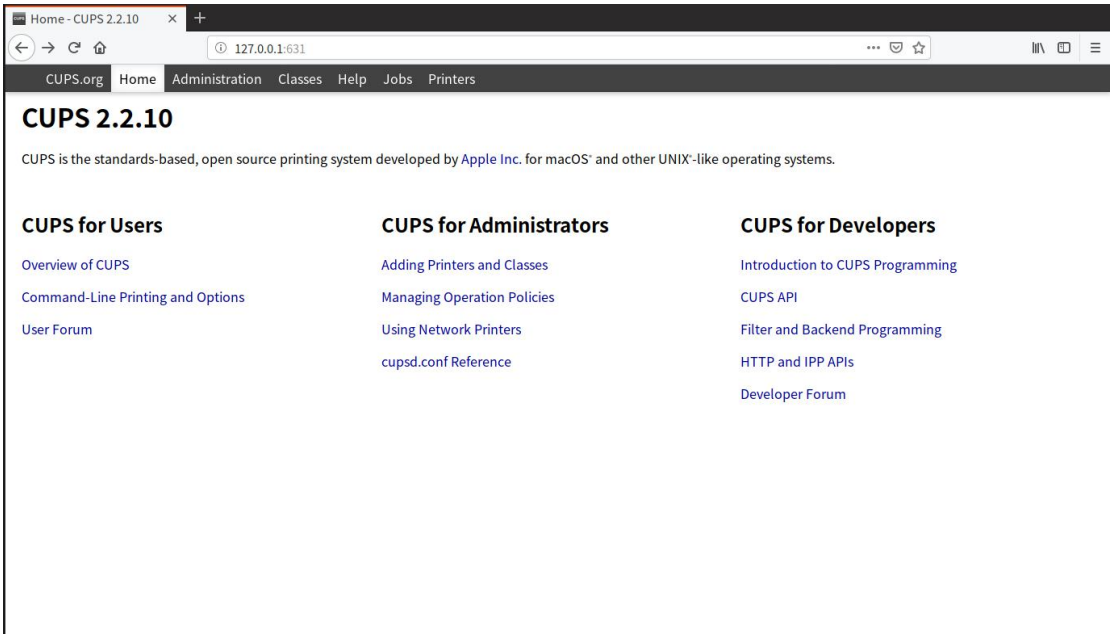
2, Enter the “./KPOS_Printer/filter” folder

3, Execute “install.sh” file as sudo or root

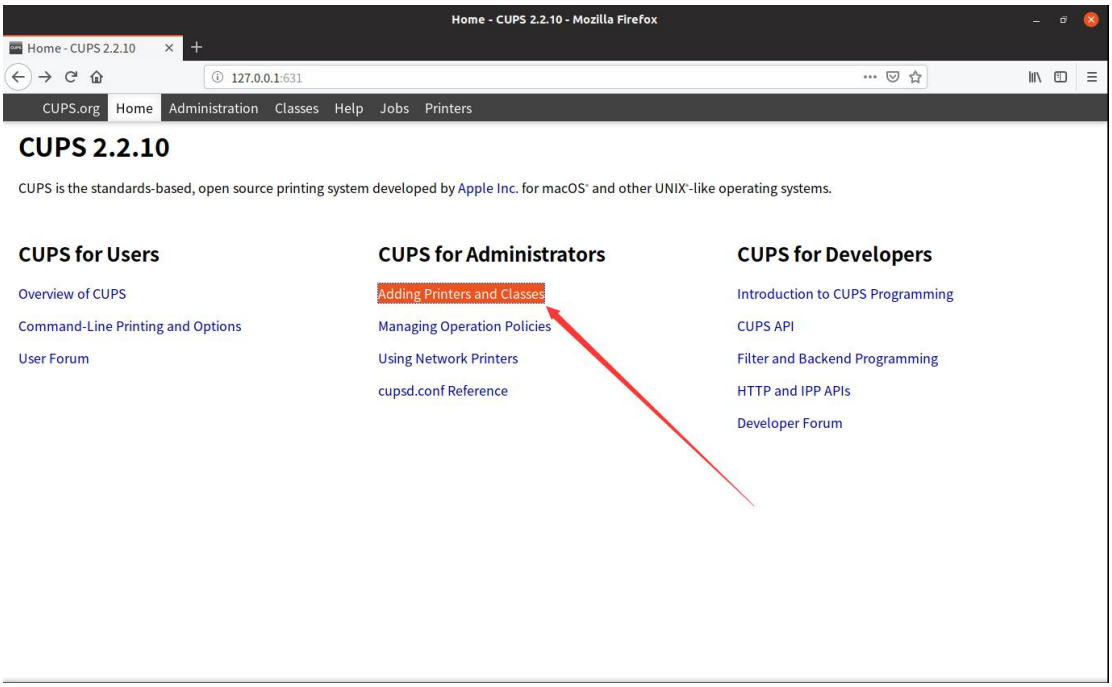
Note: If it fails, you need to add executable permissions to install.sh and execute it again.

4, Installation method one:

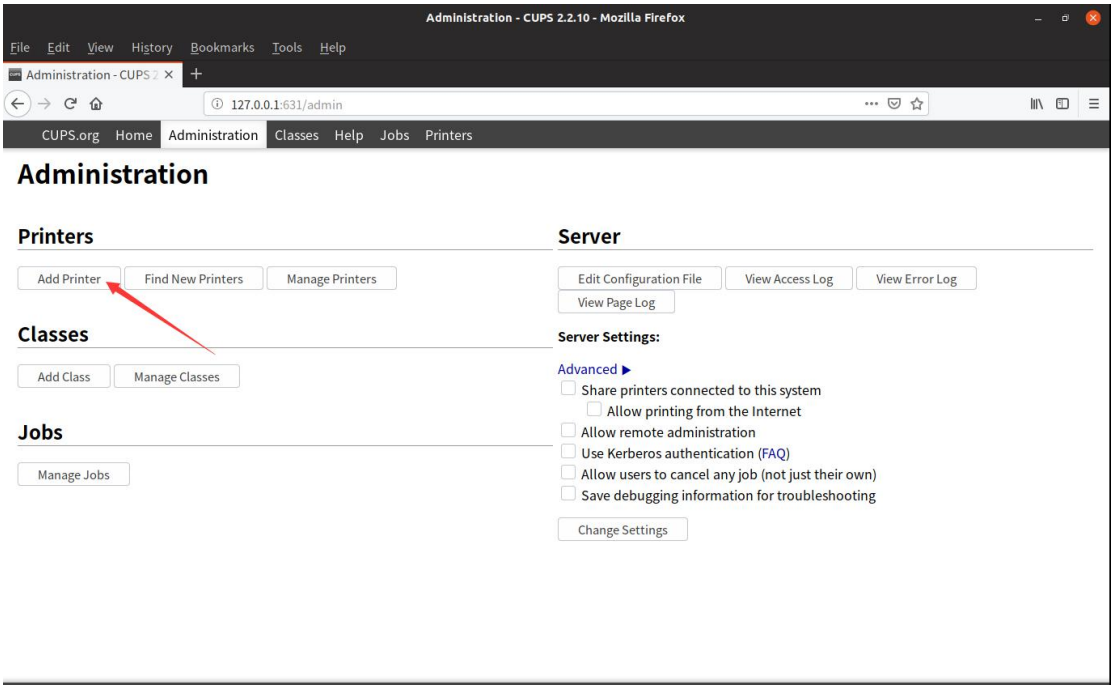
4.1, Please open the CUPS local port: 127.0.0.1:631



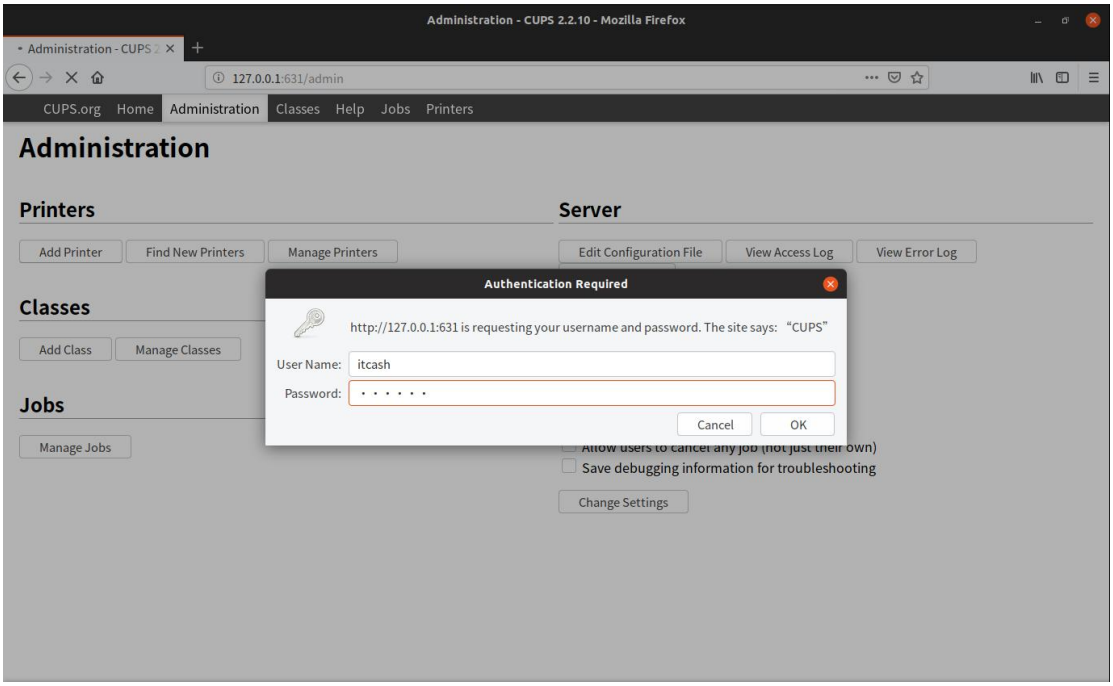
4.2, Click and enter the interface: Adding Printers and Classes



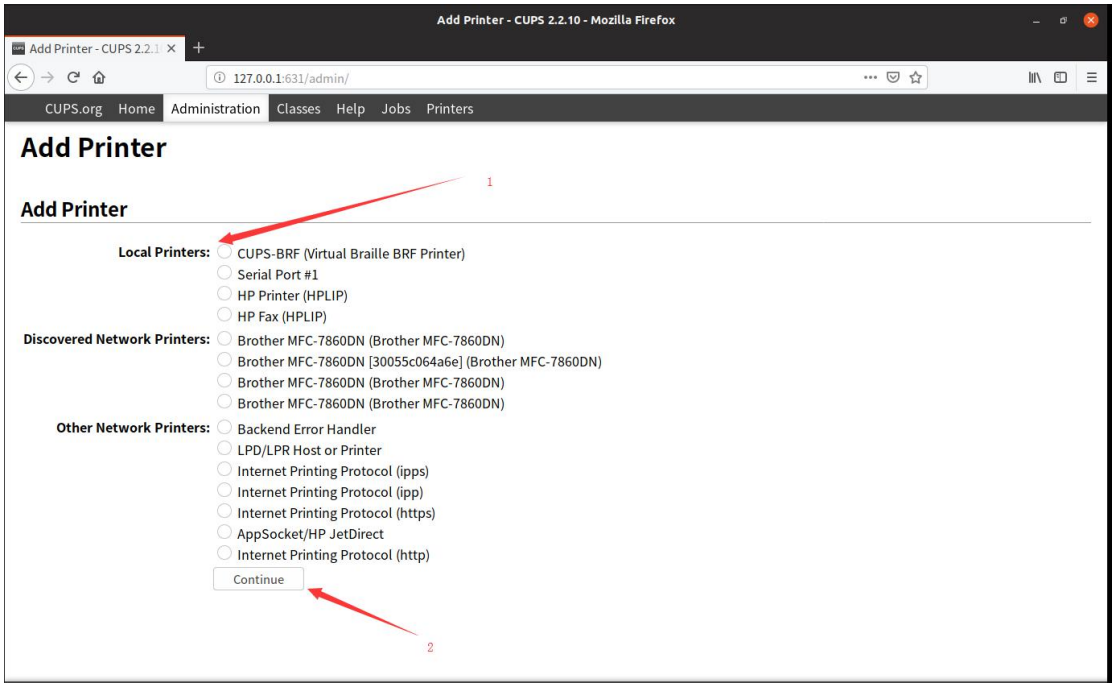
4.3, Select the option: Add Printer



4.4, Enter the current user information.



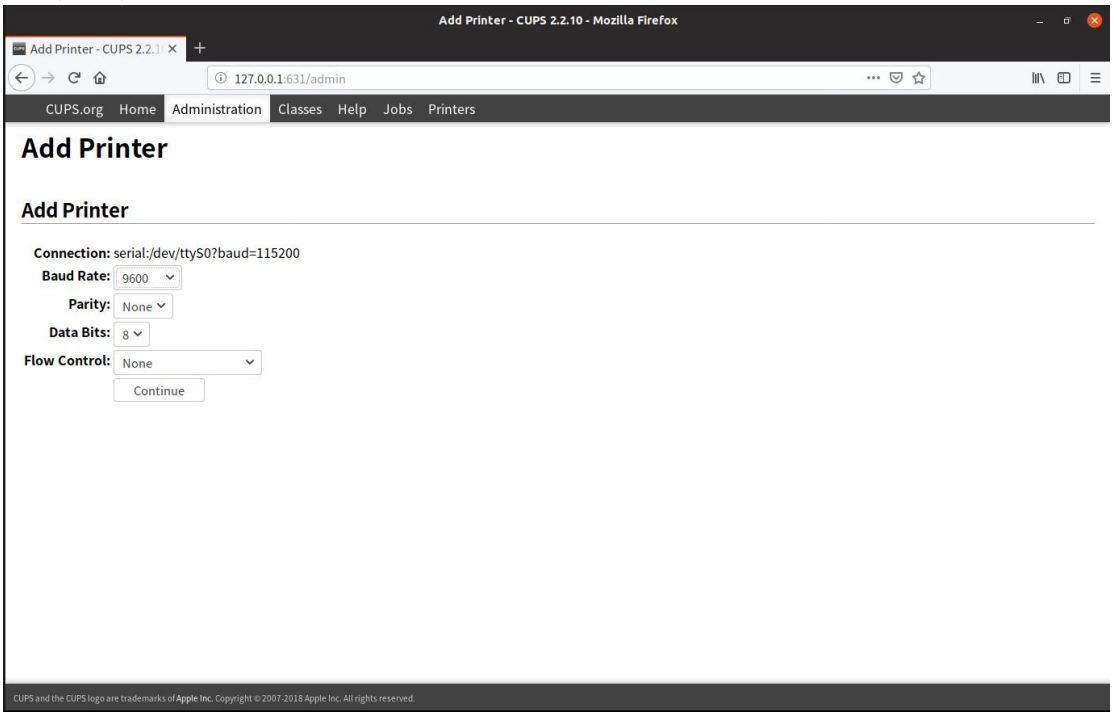
4.5, Select the correct printing port, then click: Continue



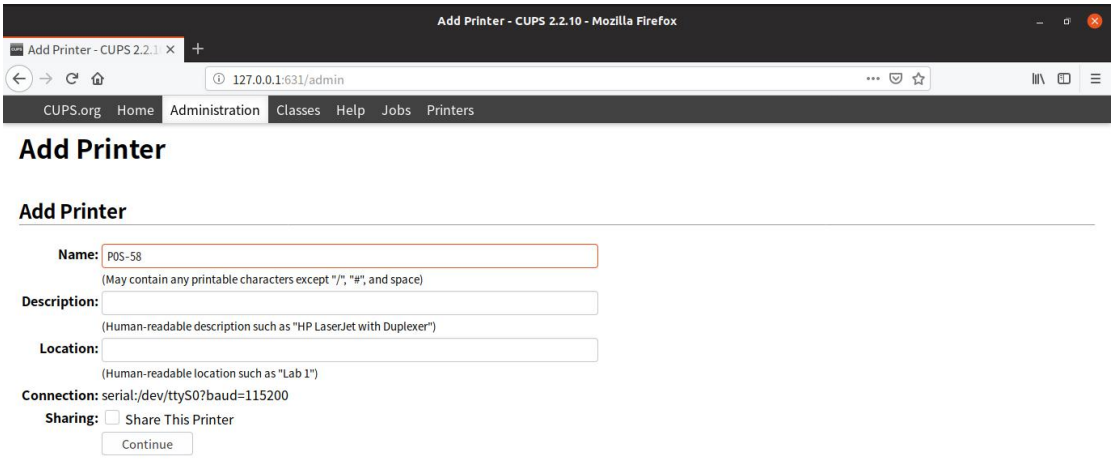
Note 1: If you printing from USB port, the printer must be connected to Linux first before execute installation. The identification process can take a few seconds to a dozen seconds, USB printing port mode is shown as: Unknown. USB virtual serial port is shown as: USB Serial Port, the parameters can be selected by default.

Note 2: If it doesn't enumerate the corresponding port, it's due to the insufficient interface permission, you need to open the limit rw of the corresponding interface right. Take the serial port 1 as example: sudo chmod a+rw /dev/ttyS0.

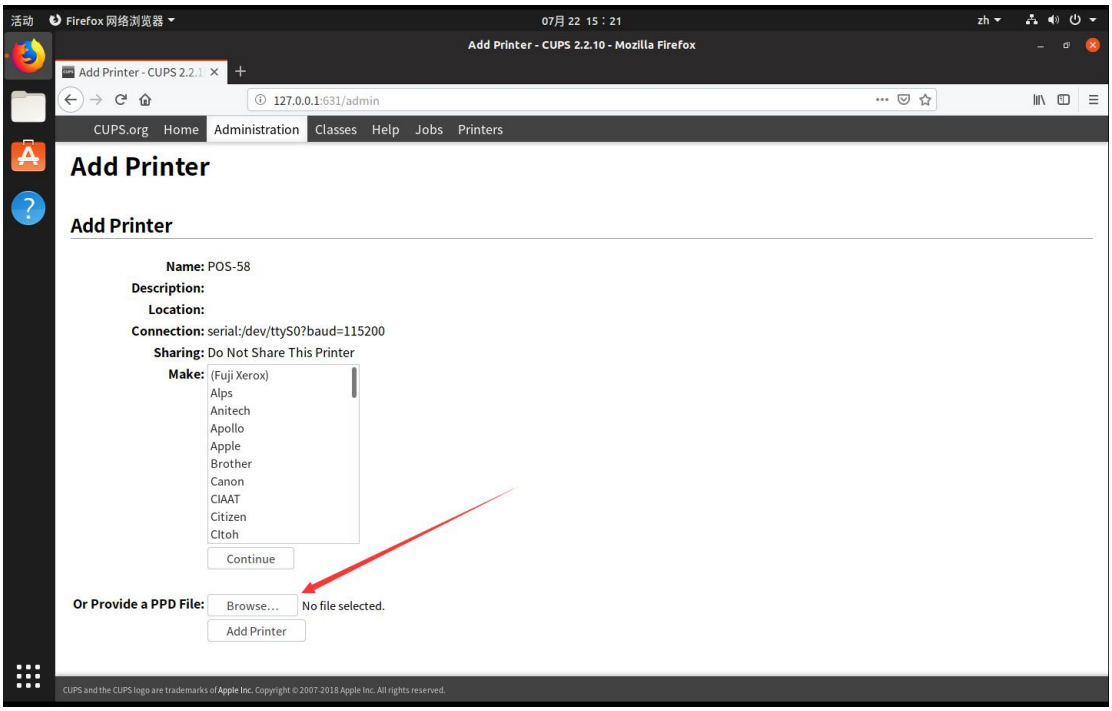
4.6, Configuring port parameters, then click: Continue



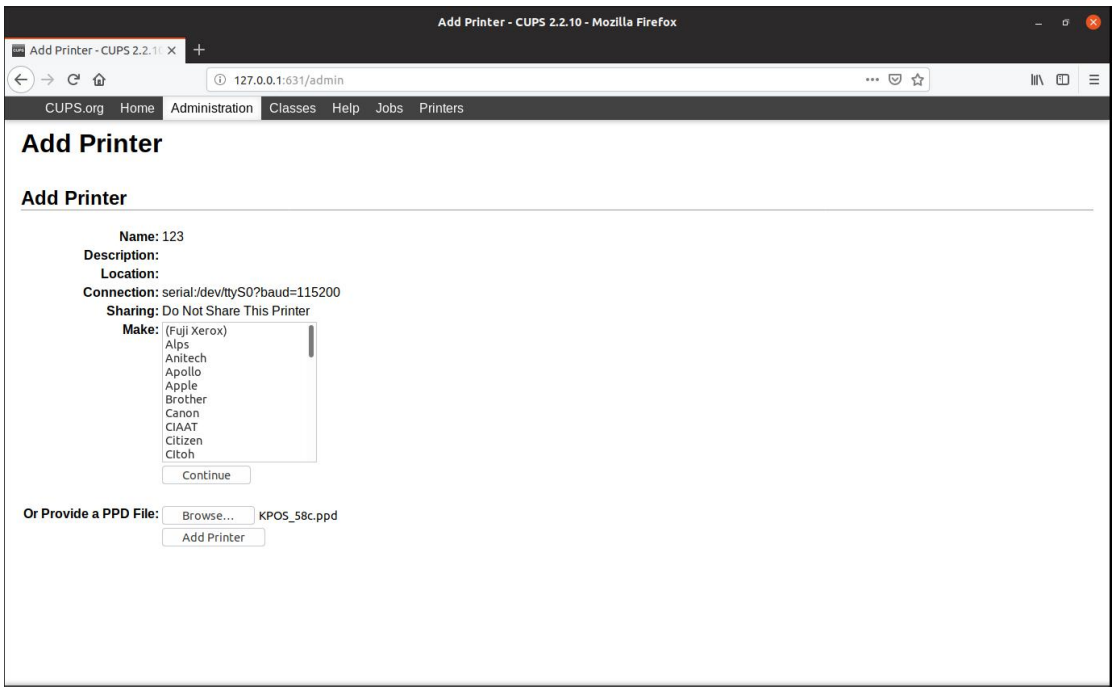
4.7, Configuring printer name information, then click: Continue



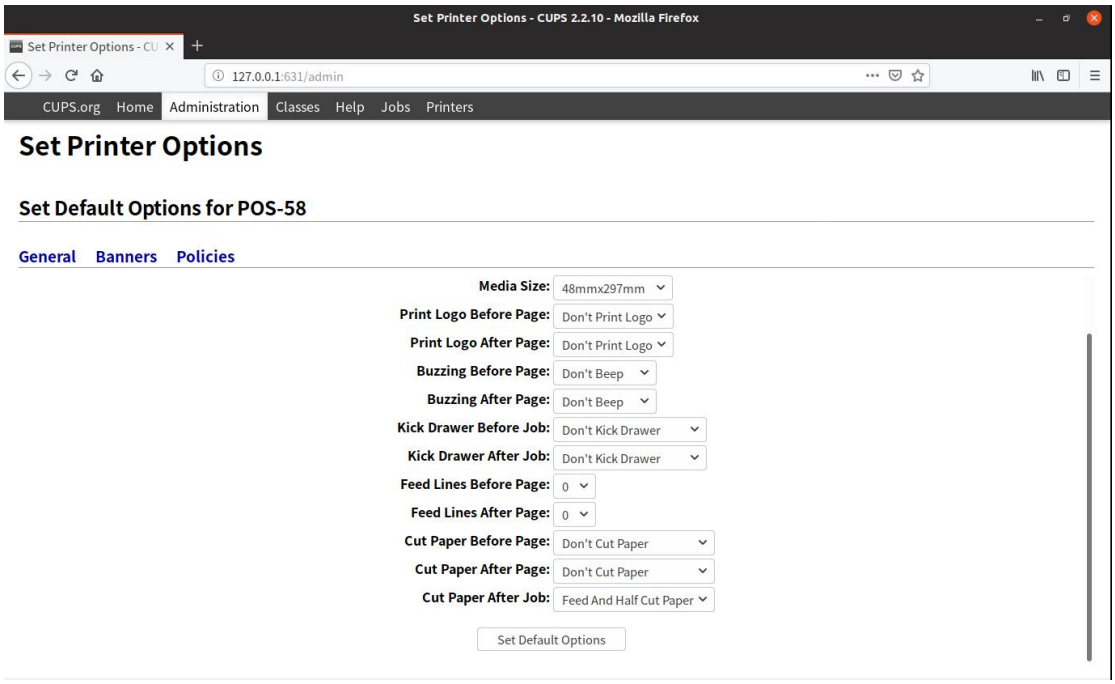
4.8, Select “PPD” mode to install.



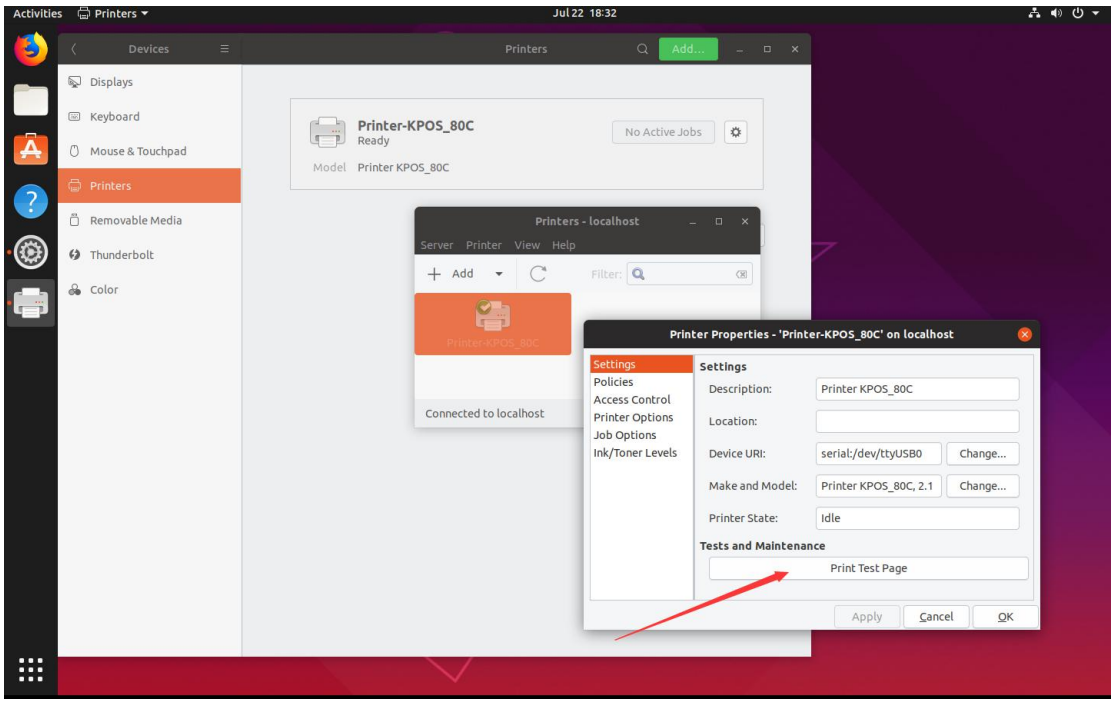
4.9, Select the corresponding PPD file under the KPOS_Printer folder, 58mm printer choose the “KPOS-58C.ppd”, 80mm printer choose the “KPOS_80C.ppd”, and then click: Add Printer

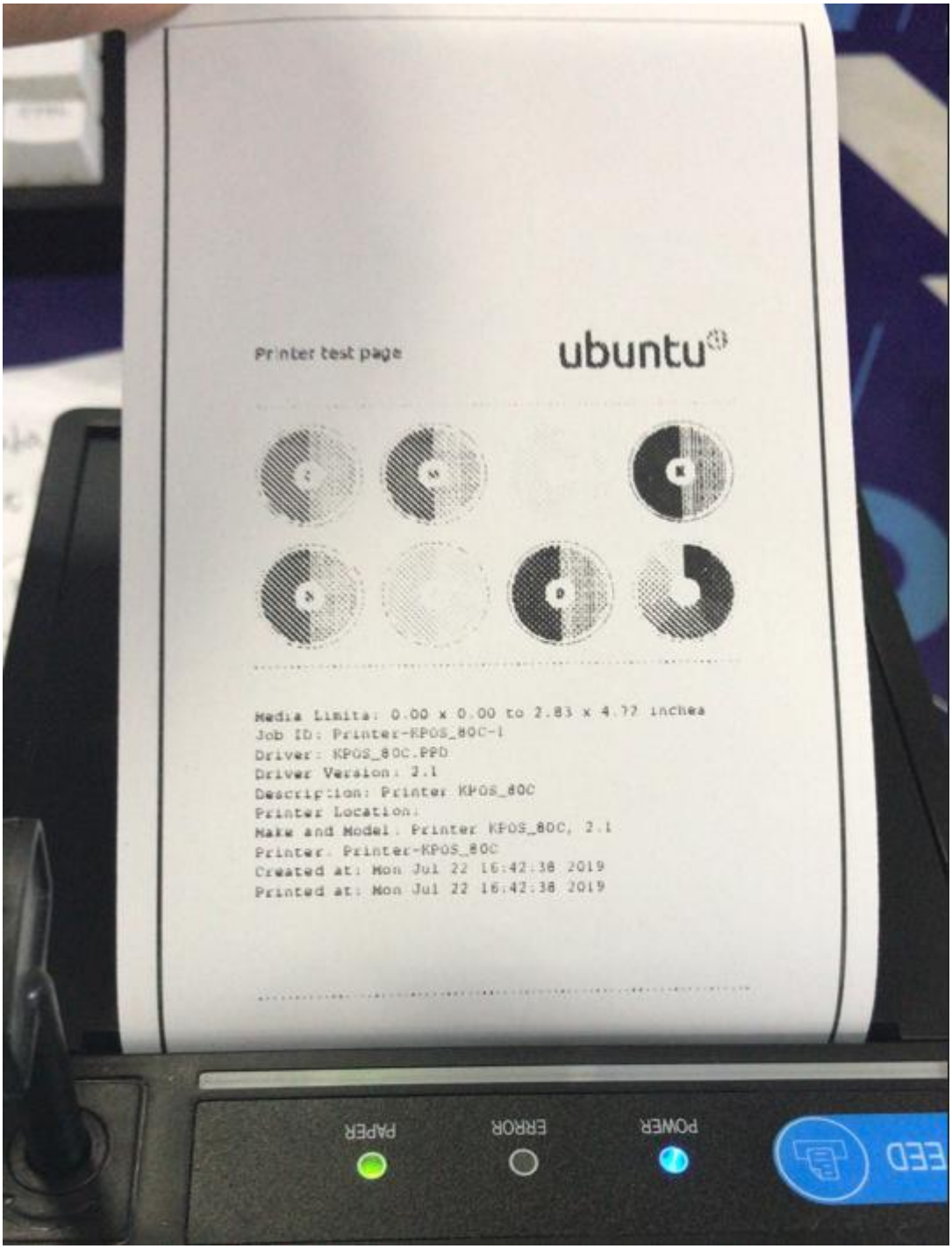


4.10, Prompt to add successfully.

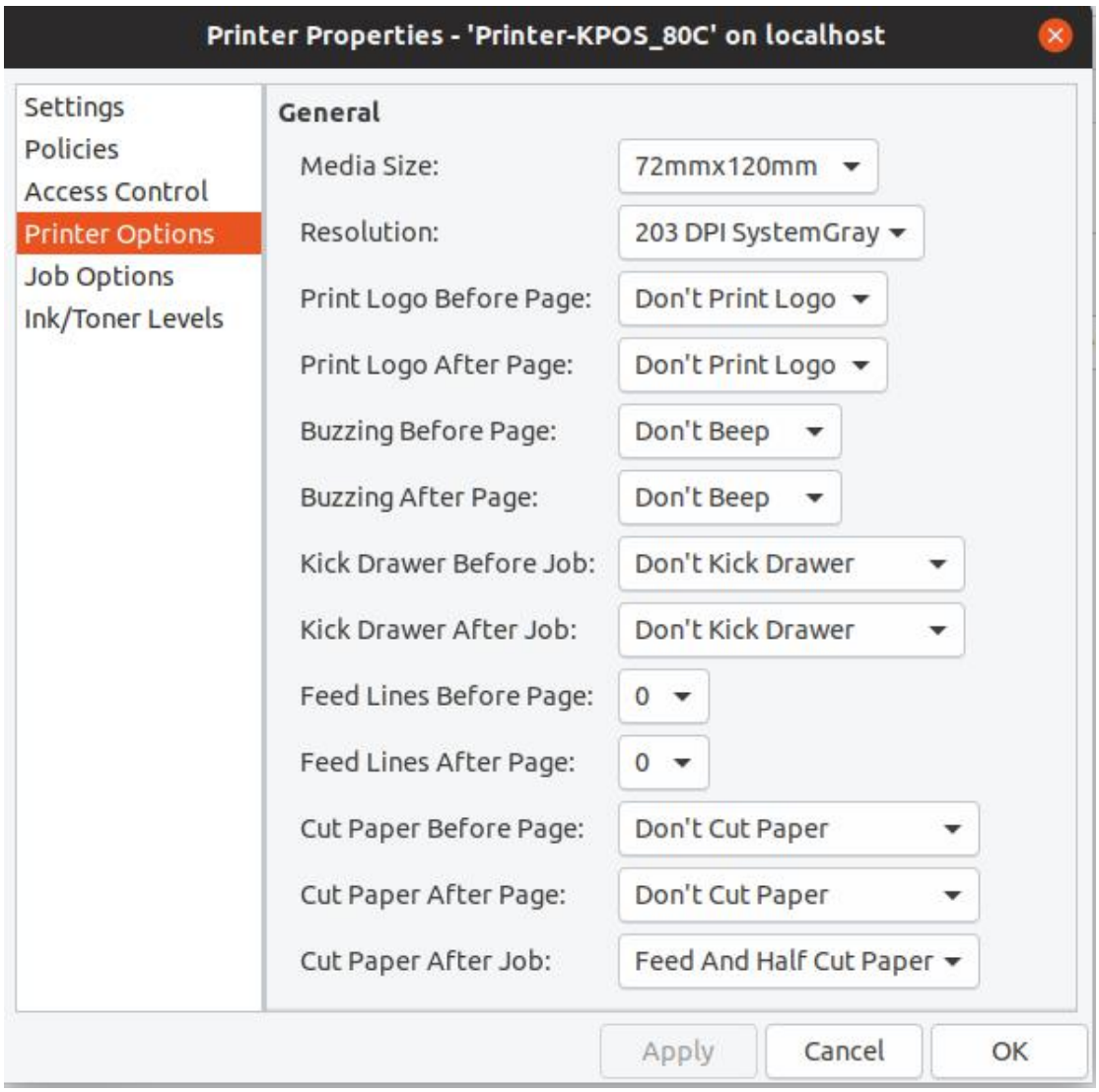


4.11 Enter the settings print interface, print the self-test page to test the printer's situation.


Activities
Printers
Jul 22 18:32
Devices
Displays
Keyboard
Mouse & Touchpad
Printers
Removable Media
Thunderbolt
Color
Printers
Add...
Printer-KPOS_80C
Ready
No Active Jobs
Model
Printer KPOS_80C
Printers - localhost
Server
Printer
View
Help
Add
Filter:
Printer-KPOS_80C
Connected to localhost
Printer Properties - 'Printer-KPOS_80C' on localhost
Settings
Policies
Access Control
Printer Options
Job Options
Ink/Toner Levels
Settings
Description:
Printer KPOS_80C
Location:
Device URI:
serial:/dev/ttyUSB0
Change...
Make and Model:
Printer KPOS_80C, 2.1
Change...
Printer State:
Idle
Tests and Maintenance
Print Test Page
Apply
Cancel
OK

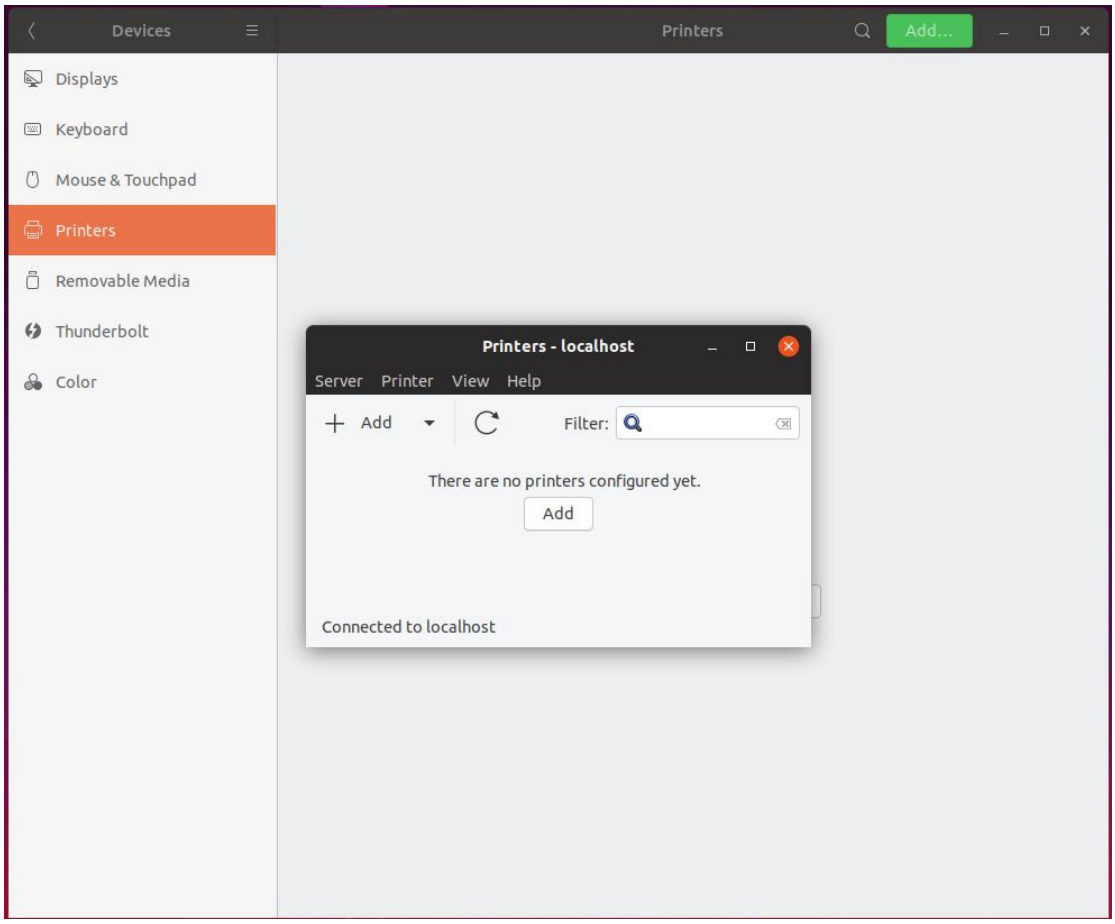


4.12 There are corresponding mode options in the printer which need to be turn on or turn off according to your needs.

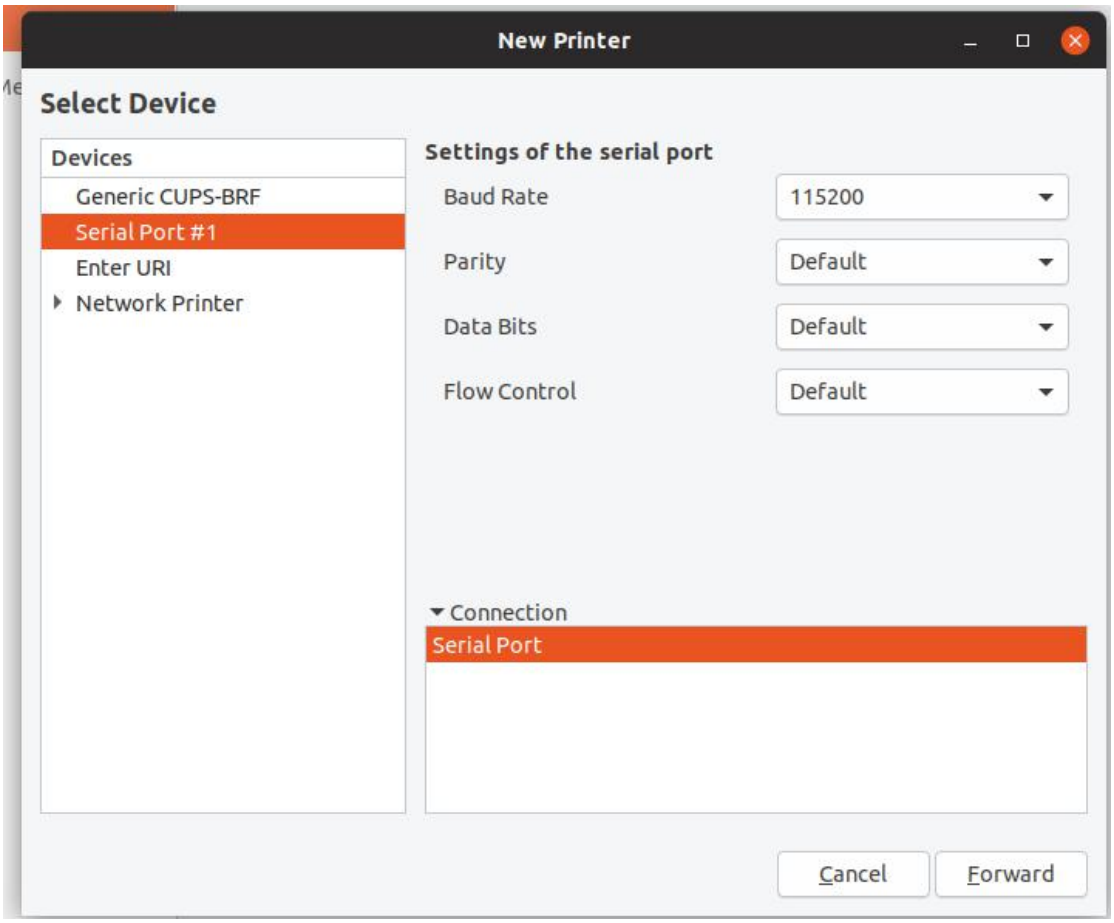


5, Installation method two：

5.1 Open the “device interface” and it’s “printer” option.



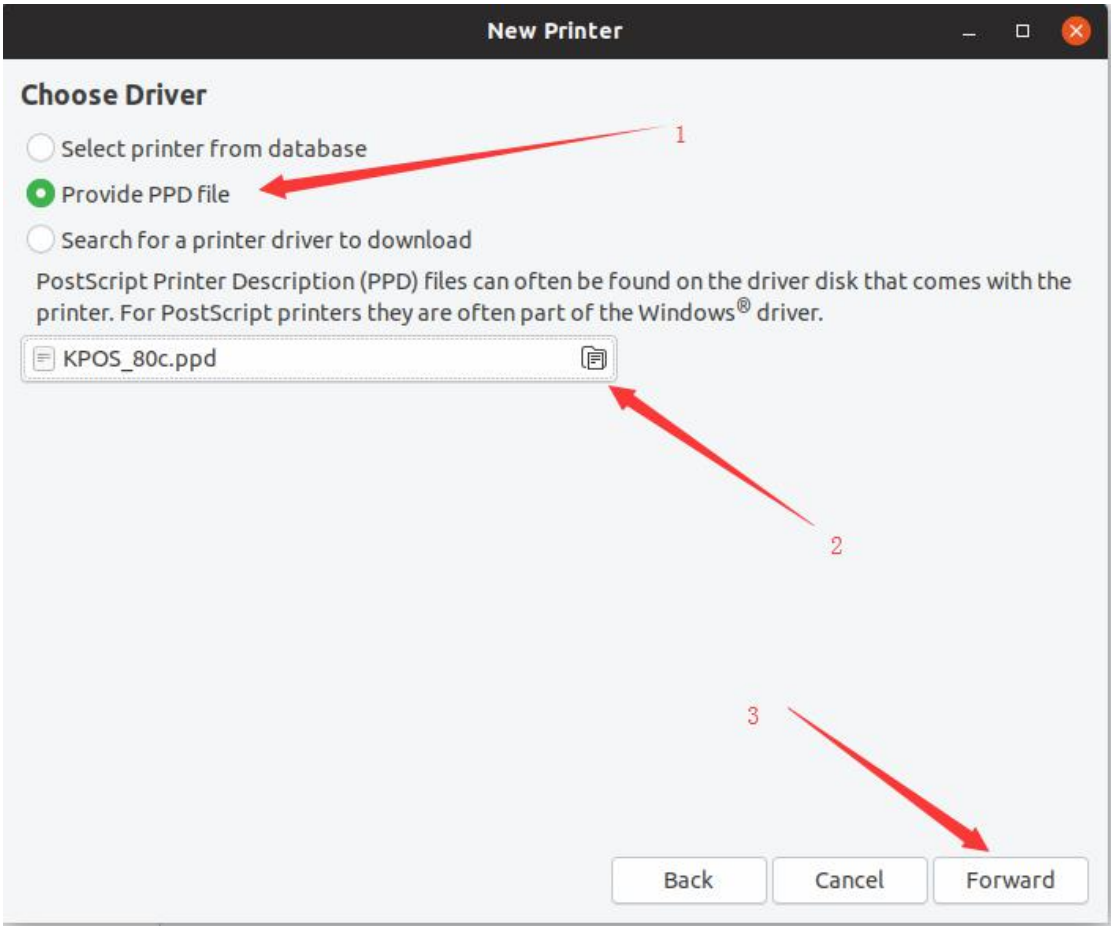
5.2 Click the “add the printer”, select the correct interface and set interface parameter, then click: next.



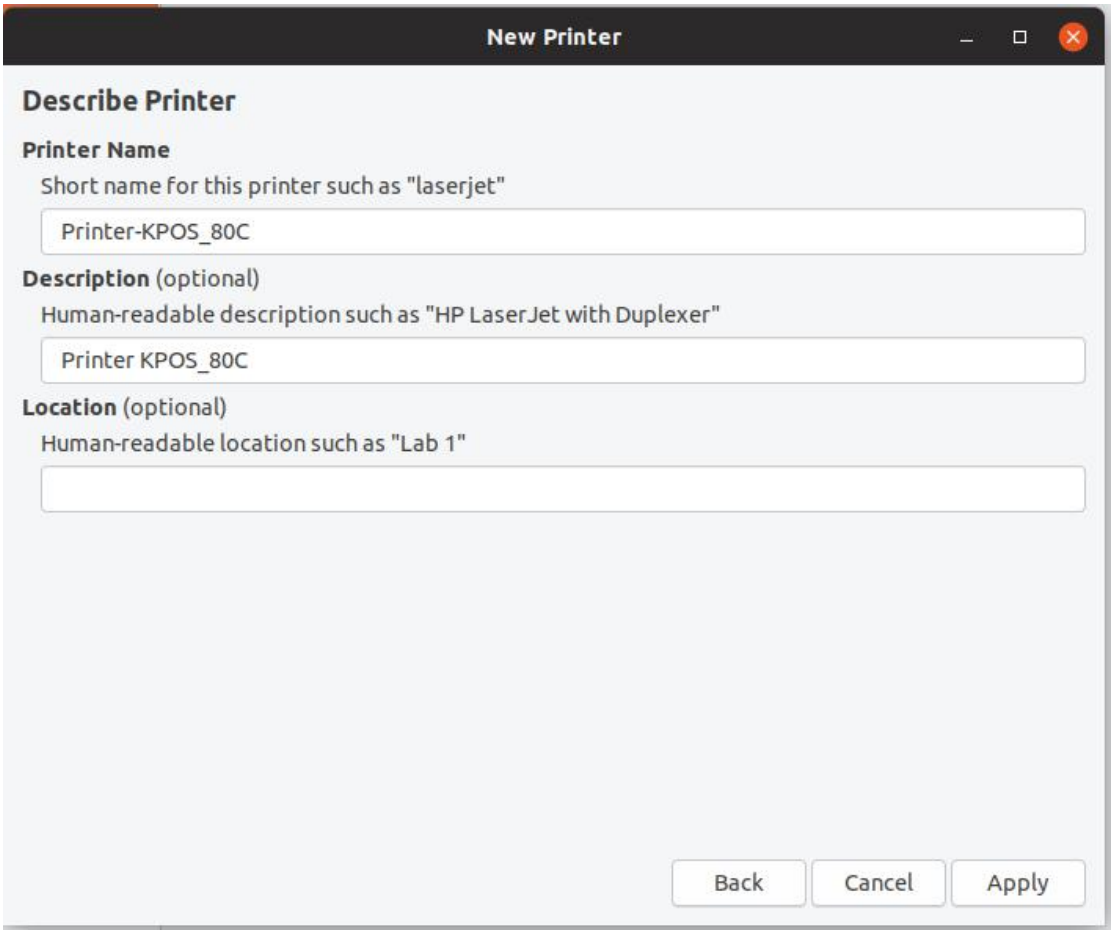
Note 1: If you printing from USB port, the printer must be connected to Linux first before execute installation. The identification process can take a few seconds to a dozen seconds, USB printing port mode is shown as: Unknown. USB virtual serial port is shown as: USB Serial Port, the parameters can be selected by default.

Note 2: If it doesn't enumerate the corresponding port, it's due to the insufficient interface permission, you need to open the limit rw of the corresponding interface right. Take the serial port 1 as example: sudo chmod a+rw /dev/ttyS0. You can enumerate again in a few minutes after change the permission.

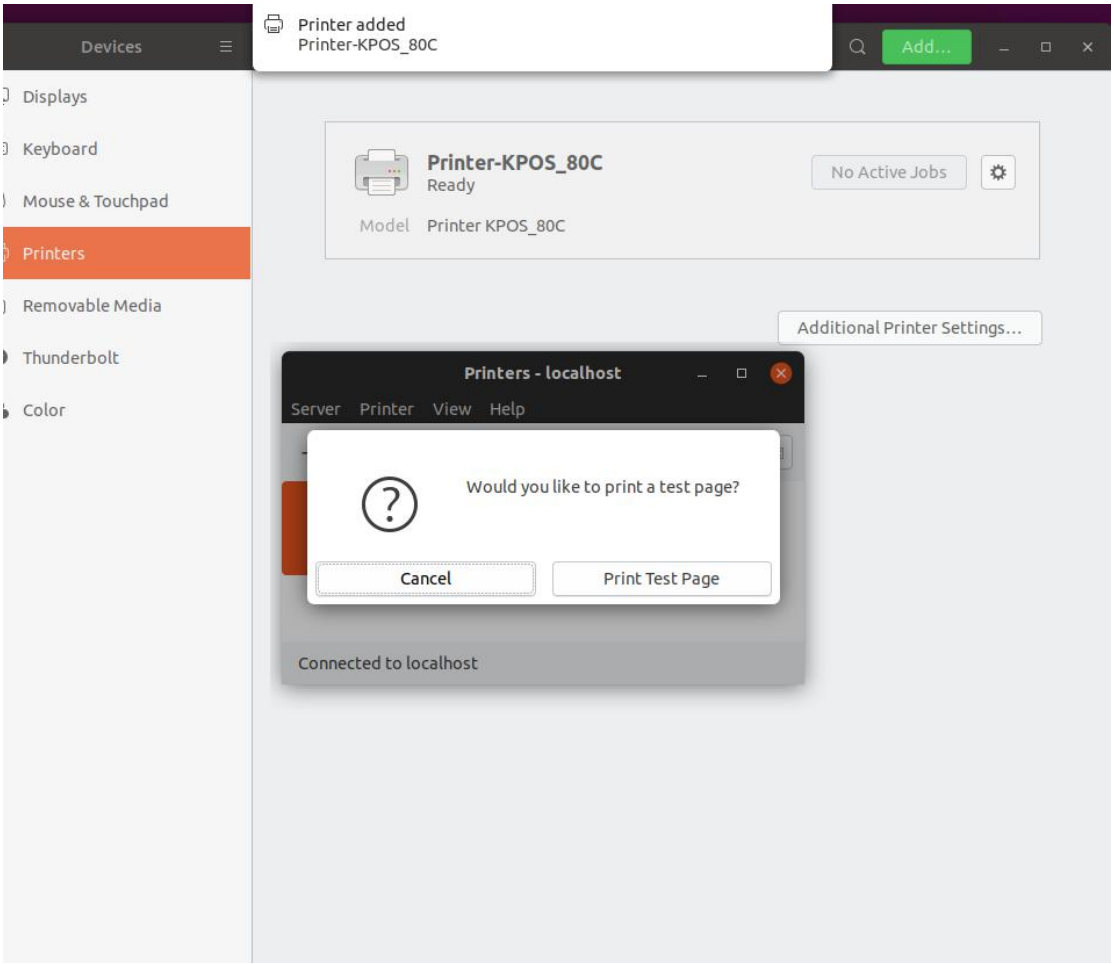
5.3 Select the "PPD" mode to install, and choose the corresponding PPD file, then click: Next.

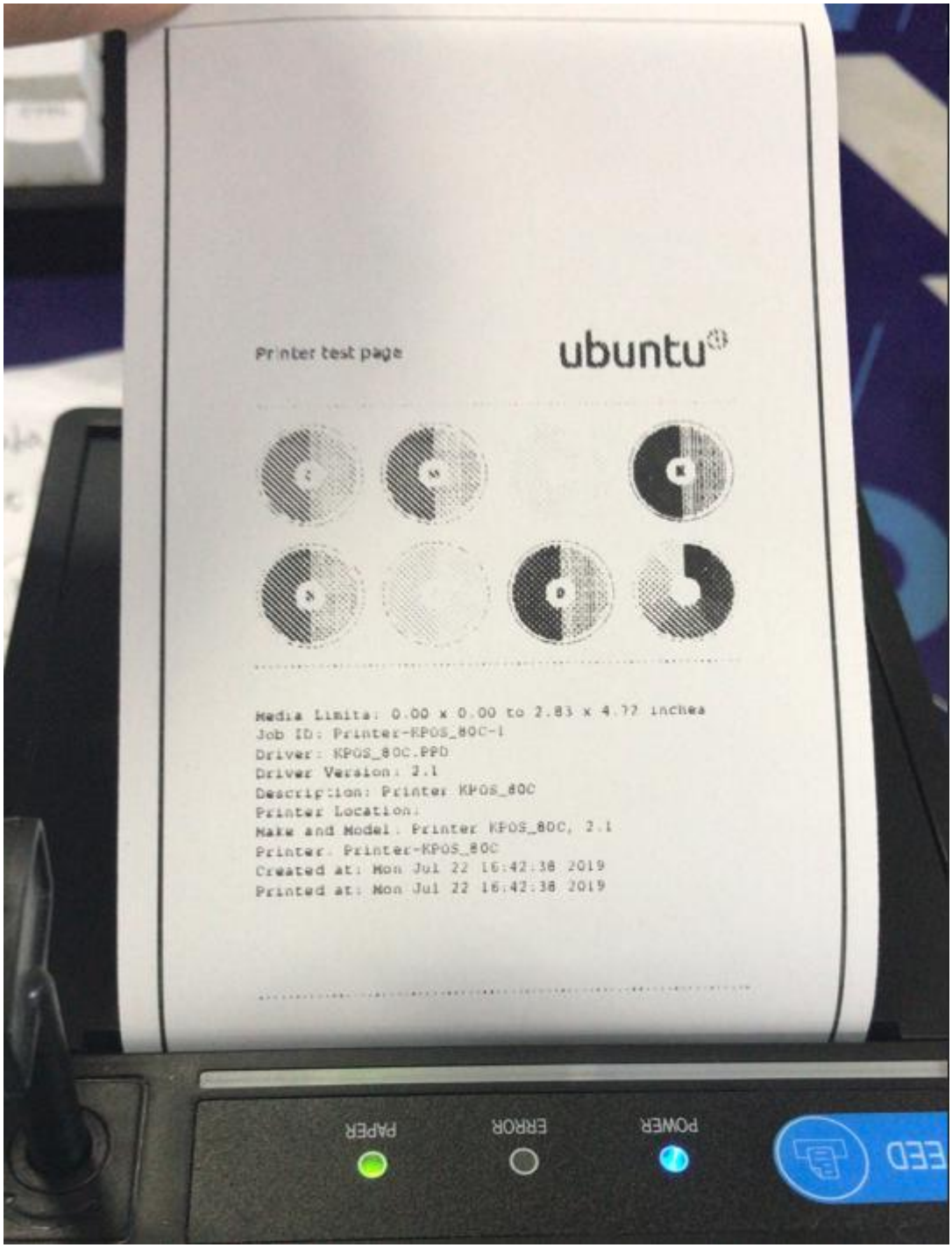


5.4 Setting printer name parameters then click: Apply.

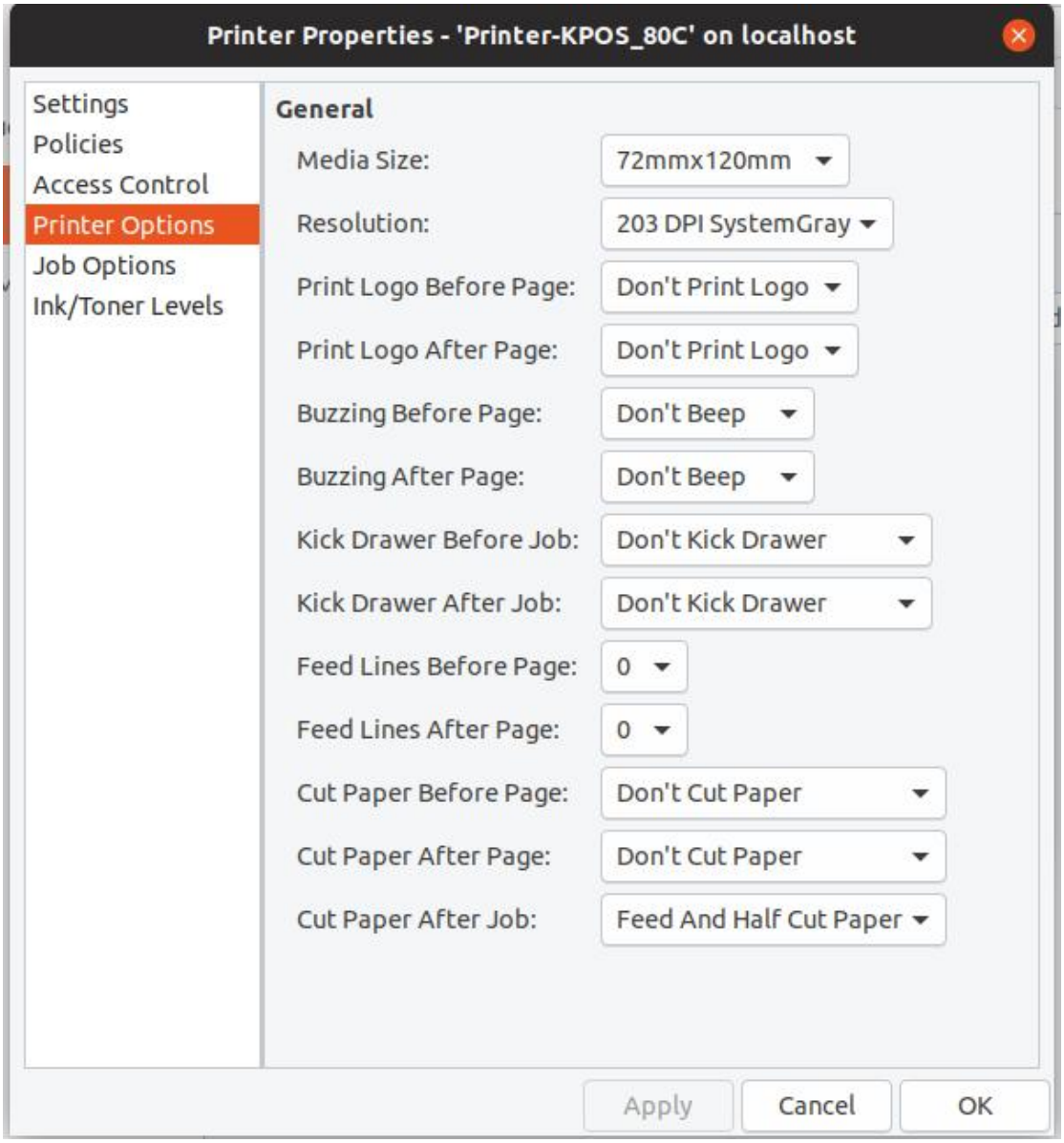


5.5, Click button “ print self-test page” to test if the communication is normal.


Printer added
Printer-KPOS_80C
Devices
Add...
Displays
Keyboard
Mouse & Touchpad
Printers
Removable Media
Thunderbolt
Color
Printer-KPOS_80C
Ready
No Active Jobs
Model
Printer KPOS_80C
Additional Printer Settings...
Printers - localhost
Server
Printer
View
Help
Would you like to print a test page?
Cancel
Print Test Page
Connected to localhost



5.6, There is corresponding modes options of the printers, please turn on or turn off according to your needs.



6, Instructions

6.1 The driver support printing from word, browser and image editor, andalso directly printing from shell, for example：lp filename (it must set the default printer),
lp -d [printername] [filename](Specified printer print the specified file),
lp -o filename.bin(print binary file), it can only print English content when you print from shell.

7, Parameter options.

7.1 Media Size: paper size, user can custom it or choose from the option list. If the

print range exceeded the printing limits, then the exceeding part won't be printed. In order to ensure the printing effect, we will not scale the print content.

7.2 Buzzing：Only works on machines with a buzzer.

7.3 Cut Paper: Only works on machines with a cutter.