

SNBC Printer Linux Help Document

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Installation requirements

System requirements: Linux kernel 2.6.26 and above

Ubuntu 18 and above versions

Fedora28 and above versions

Environmental requirements: CUPS 1.3.0 and above

Installation steps

1、 Install driver files

01、 Unzip the installation package and run the terminal

02、 Use the "cd" command in the terminal to point to the installation package "cupsdrv_label_linux_vx.x.x.x" folder directory

03、 If you are a root user, enter "./install.sh" in the terminal to start installing driver files. If you are not a root user, enter "sudo ./install.sh" in the terminal to execute commands as root user, and then enter the password to install driver files.

04、 Turn on and connect the printer

```
wzj@wzj:~$ cd /home/wzj/Desktop/cupsdrv_label_linux_v2.0.8.0
wzj@wzj:~/Desktop/cupsdrv_label_linux_v2.0.8.0$ sudo ./install.sh
[sudo] password for wzj:
Selecting previously unselected package cupsdrvlabel.
(Reading database ... 189782 files and directories currently installed.)
Preparing to unpack cupsdrvlabel_2.0.8.0_x86_64.deb ...
Unpacking cupsdrvlabel (2.0.8.0) ...
Setting up cupsdrvlabel (2.0.8.0) ...
wzj@wzj:~/Desktop/cupsdrv_label_linux_v2.0.8.0$
```

2、 Install printer driver

2.1、 Installing printer driver on U-port

The installation steps for drivers in the Ubuntu\Fedora system browser are as follows (using the Ubuntu system as an example):

05、 Open the browser, enter the address localhost:631, and then press enter

06、 Click on "Administration" in the new interface

07、 Click on "Add Printer" in the new interface

08、 In Fedora 10 and below systems, enter the name of the printer driver to be installed

in the new interface and click "continue". Then, select the printer port "SNBC xxxx(U) n..." to be installed in the new interface and click "continue"

Add New Printer

Name:
(May contain any printable characters except "/", "#", and space)

Location:
(Human-readable location such as "Lab 1")

Description:
(Human-readable description such as "HP LaserJet with Duplexer")

Device for L542

Device: ▼

In other systems, Fedora 10 and above, select the printer port "SNBC xxxx(U) n..." to be installed in the new interface and click "continue". Enter the name of the printer driver to be installed in the new interface, and then click "continue"

Add Printer

Add Printer

Local Printers: ☐ Serial Port #1
☐ Serial Port #2
☐ LPT #1
☒ SNBC BTP-L542(U)2 (SNBC BTP-L542(U)2)
☐ HP Printer (HPLIP)
☐ HP Fax (HPLIP)

Discovered Network Printers:

Other Network Printers: ☐ Backend Error Handler
☐ Internet Printing Protocol (http)
☐ Internet Printing Protocol (ipp)
☐ Internet Printing Protocol (ipp14)
☐ AppSocket/HP JetDirect
☐ Internet Printing Protocol (ipps)
☐ Internet Printing Protocol (https)
☐ LPD/LPR Host or Printer

Add Printer

Add Printer

Name:
(May contain any printable characters except "/", "#", and space)

Description:
(Human-readable description such as "HP LaserJet with Duplexer")

Location:
(Human-readable location such as "Lab 1")

Connection: usb://SNBC/BTP-L542(U)2?serial=BTP-L542210100200021

Sharing: ☐ Share This Printer

09、After selecting the manufacturer and corresponding printer driver in the new interface, click "Add Printer" to complete the driver installation

Add Printer

Add Printer

Name: SNBC_BTP-L542

Description: SNBC BTP-L542(U)2

Location:

Connection: usb://SNBC/BTP-L542(U)2?serial=BTP-L542210100200021

Sharing: Do Not Share This Printer

Make: SNBC

Model:

- SNBC BTP-L540 CUPS BPLA_CN V3.26 (en, zh_CN)
- SNBC BTP-L540 CUPS BPLA_EN V3.26 (en)
- SNBC BTP-L540H CUPS BPLZ_CN V3.26 (en, zh_CN)**
- SNBC BTP-L540H CUPS BPLZ_EN V3.26 (en)
- SNBC BTP-U100t CUPS BPLA_CN V3.26 (en, zh_CN)
- SNBC BTP-U100t CUPS BPLA_EN V3.26 (en)
- SNBC BTP-U100t(203DPI) CUPS BPLZ_CN V3.26 (en, zh_CN)
- SNBC BTP-U100t(203DPI) CUPS BPLZ_EN V3.26 (en)
- SNBC BTP-U100t(305DPI) CUPS BPLZ_CN V3.26 (en, zh_CN)
- SNBC BTP-U100t(305DPI) CUPS BPLZ_EN V3.26 (en)

Or Provide a PPD File: No file selected.

10、Click "Printer", select the corresponding printer driver, and in Maintenance, click "Print Test Page" to print a test page and verify if the printer driver is successfully installed

SNBC_BTP-L542

SNBC_BTP-L542 (Idle, Accepting Jobs, Not Shared)

Maintenance Administration

Maintenance C BTP-L542(U)2

Print Test Page

Pause Printer

Reject Jobs -L540H CUPS BPLZ_CN V3.26 (grayscale)

Move All Jobs /SNBC/BTP-L542(U)2?serial=BTP-L542210100200021

Cancel All Jobs

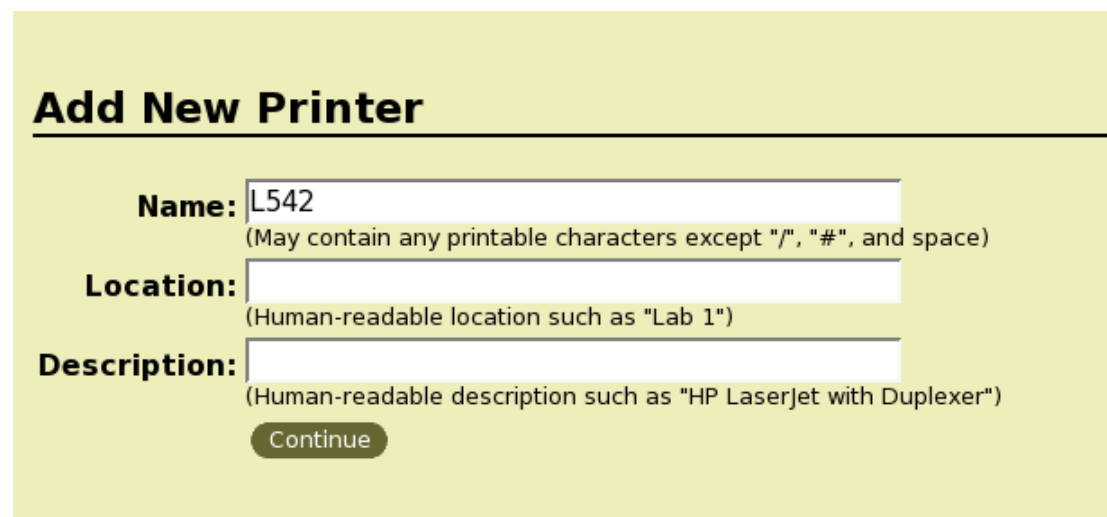
Defaults: job-sheets=none, none media=custom_99.84x80.08mm_99.84x80.08mm sides=one-sided

2.2、Installing printer drivers at the network port

Note: When installing the printer driver using a network port, it is necessary to ensure that the computer and printer are on the same network (the network information of the printer can be viewed through the print self-test page).

The steps for installing printer drivers on Ubuntu\Fedora systems are as follows (using the Ubuntu system as an example)

- 05、Open the browser, enter the address localhost:631, and then press enter
- 06、Click on "Administration" in the new interface
- 07、Click on "Add Printer" in the new interface
- 08、In Fedora 10 and below systems, enter the name of the printer driver to be installed in the new interface and click "continue". Then select the network protocol corresponding to the installed printer port in the new interface and click "continue"



Add New Printer

Name:
(May contain any printable characters except "/", "#", and space)

Location:
(Human-readable location such as "Lab 1")

Description:
(Human-readable description such as "HP LaserJet with Duplexer")



Device for 4200E

Device:

In other systems, Fedora10 and above, select "Internet Printing Protocol (https)" in the new interface and click "continue". Enter according to the prompts below in the new interface“ socket://hostname:9100 ”Hostname is the IP address of the printer (you can view the printer's IP information by printing the self check page), and then click "continue".

Add Printer

- Local Printers:**
- ☐ CUPS-BRF (Virtual Braille BRF Printer)
 - ☐ HP Printer (HPLIP)
 - ☐ Serial Port #1
 - ☐ HP Fax (HPLIP)

Discovered Network Printers:

- Other Network Printers:**
- ☐ 互联网打印协议 (http)
 - ☐ 互联网打印协议 (ipp)
 - ☒ 互联网打印协议 (https)
 - ☐ Backend Error Handler
 - ☐ LPD/LPR 主机或打印机
 - ☐ AppSocket/HP JetDirect
 - ☐ 互联网打印协议 (ipps)

Continue

Add Printer

Connection:

Examples:

```
http://hostname:631/ipp/
http://hostname:631/ipp/port1

ipp://hostname/ipp/
ipp://hostname/ipp/port1

lpd://hostname/queue

socket://hostname
socket://hostname:9100
```

See "[Network Printers](#)" for the correct URI to use with your printer.

Continue

09、Enter the name of the printer and other relevant information in the new interface, and click "Continue"

Add Printer

Name:
 (May contain any printable characters except "/", "#", and space)

Description:
 (Human-readable description such as "HP LaserJet with Duplexer")

Location:
 (Human-readable location such as "Lab 1")

Connection: socket://192.168.1.251:9100

Sharing: ☐ Share This Printer

10、After selecting the manufacturer and corresponding printer driver in the new interface, click "Add Printer" to complete the driver installation

Name: 4200E

Description:

Location:

Connection: socket://192.168.1.251:9100

Sharing: Do Not Share This Printer

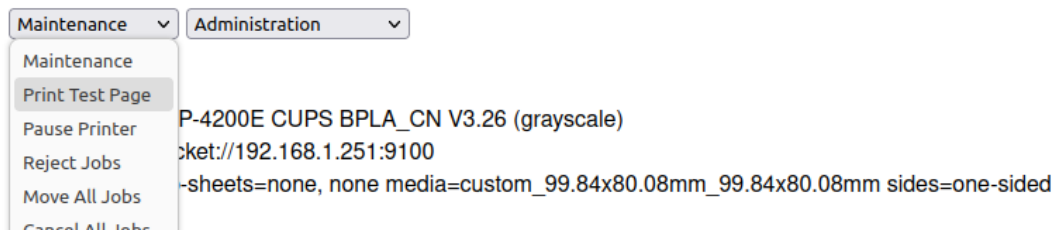
Make: SNBC

Model:

SNBC BTP-3300E CUPS BPLA_CN V3.26 (en)
 SNBC BTP-3300E CUPS BPLZ_CN V3.26 (en, zh_CN)
 SNBC BTP-3300E CUPS BPLZ_EN V3.26 (en)
 SNBC BTP-4200E CUPS BPLA_CN V3.26 (en, zh_CN)
 SNBC BTP-4200E CUPS BPLA_EN V3.26 (en)
 SNBC BTP-4200E CUPS BPLZ_CN V3.26 (en, zh_CN)
 SNBC BTP-4200E CUPS BPLZ_EN V3.26 (en)
 SNBC BTP-4300E CUPS BPLA_CN V3.26 (en, zh_CN)
 SNBC BTP-4300E CUPS BPLA_EN V3.26 (en)
 SNBC BTP-4300E CUPS BPLZ_CN V3.26 (en, zh_CN)
 SNBC BTP-4300E CUPS BPLZ_EN V3.26 (en)

vide a PPD File: 未选择文件。

11. Click "Printer", select the corresponding printer driver, and in Maintenance, click "Print Test Page" to print a test page and verify if the printer driver is successfully installed



2.3、 Installing printer drivers through serial and parallel ports

The steps for installing printer drivers through serial and parallel ports are basically the same as those for installing network ports.

There are two main differences:

1. When selecting a port, select the corresponding port instead of the Internet printing protocol.
2. No longer requires setting IP and other information. When installing the serial port, it is necessary to set related parameters such as baud rate; Parallel port does not require any parameter settings

Baud Rate: 1200

Parity: None

Data Bits: 8

Flow Control: None

Continue

Uninstall steps

1、Uninstalling driver files

- 01、Unzip the installation package and run the terminal
- 02、Use the "cd" command in the terminal to point to the installation package "cupsdrv_label_linux_vx.x.x.x" folder directory
- 03、If you are a root user, enter "./uninstall.sh" in the terminal to start uninstalling the driver files. If it is not the root user, you need to enter "sudo ./install.sh" in the terminal to execute the command as the root user, and then enter the password to uninstall the driver file.

2、Uninstalling printer

The steps to remove drivers from the Ubuntu\Fedora system browser are as follows:

- 04、Open the browser, enter the address localhost:631, and then press enter
- 05、Click on "Print" in the new interface
- 06、Select the printer driver to be deleted in the new interface, and click "Delete Printer" in the Administration to complete the driver deletion.

