

Rongta Label Printer

Linux Driver

Help Document

目录

Rongta Label Printer	1
Linux Driver	1
Help Docdument	1
Installation requirements	3
Installation steps	3
1、 Install driver files	3
2、 Install printer driver	4
2. 1、 Installing printer driver on U-port	4
2. 2、 Installing printer drivers on network port	7
2. 3、 Installing printer drivers on serial or parallel ports	11
Uninstall steps	15
1、 Installing printer drivers through serial and parallel ports	15
2、 Uninstalling printer	15

Installation requirements

Supported CPU architectures: x86、x64、ARM64、loongarch64.

Environmental requirements: CUPS 1.3.0 and above.

Installation steps

1、 Install driver files

01、 Extract installation package:RTLabel_LinuxDriver_v1.0.0.tar.gz

02、 Enter the installation package directory:

RTLabel_LinuxDriver_vx.x.x\

03、 run the terminal, input "sudo sh ./install.sh" to start installing driver files, then enter the password to install the driver file.

04、 Turn on and connect the printer.

```
[caissa@localhost RTLabel_LinuxDriver_v1.0.0]$ sudo sh ./install.sh
[sudo] password for caissa:
-----
Rongta Label Printer
Driver installer

Searching for ServerRoot, ServerBin, and DataDir tags in /etc/cups/cupsd.conf
ServerBin tag not present in cupsd.conf - using default
DataDir tag not present in cupsd.conf - using default
Copying rastertortlabel filter to /usr/lib/cups/filter
Copying model ppd files to /usr/share/cups/model/RongtaLable
Restarting CUPS
Could not restart CUPS

Install Complete
Go to http://localhost:631, or http://127.0.0.1:631 to manage your printer please!

[caissa@localhost RTLabel_LinuxDriver_v1.0.0]$
```

2、Install printer driver

2.1、Installing printer driver on U-port

01、Open the browser, enter the address 127.0.0.1:631, and then press enter.

02、Click on “Administration ” --> “Add Printer” in the new interface.

03、Select the printer port in the new interface and click 'continue'.

← → ↻ 🏠 127.0.0.1:631/admin/

Home Administration Classes Online Help

Add Printer

Local Printers:

- ☐ LPT #1
- ☐ Serial Port #1
- ☐ Serial Port #2
- ☐ Serial Port #3
- ☐ LPT #2
- ☒ RP425(ZPL 203DPI) (RP425(ZPL 203DPI))

Discovered Network Printers:

Other Network Printers:

- ☐ Internet Printing Protocol (http)
- ☐ Internet Printing Protocol (https)
- ☐ Internet Printing Protocol (ipp)
- ☐ Internet Printing Protocol (ipps)
- ☐ LPD/LPR Host or Printer
- ☐ AppSocket/HP JetDirect
- ☐ Windows Printer via SAMBA

Continue

04、Enter the printer driver name in the new interface and click 'continue'.

← → ↻ 🏠 127.0.0.1:631/admin

Home Administration Classes

Add Printer

Name: RP425
(May contain any printable characters except "/", "#", and space)

Description: RP425 (ZPL 203DPI)
(Human-readable description such as "HP LaserJet with Duplexer")

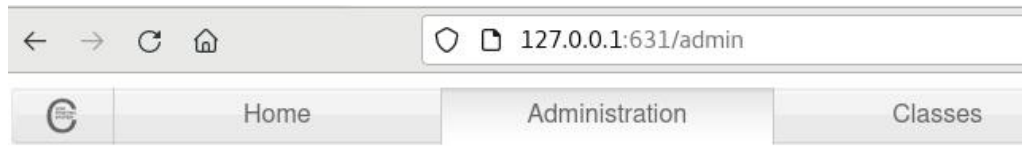
Location:
(Human-readable location such as "Lab 1")

Connection: usb:///RP425(ZPL%20203DPI)?serial=1232323232

Sharing: ☐ Share This Printer

Continue

05、Select the manufacturer "Rongta" in the new interface and click "continue".



Add Printer

Name: RP425

Description: RP425(ZPL 203DPI)

Location:

Connection: usb:///RP425(ZPL%20203DPI)?serial=1232323232

Sharing: Do Not Share This Printer

Make:



Continue

Or Provide a PPD File: No file selected.

06、After selecting the printer driver, click "Add Printer".



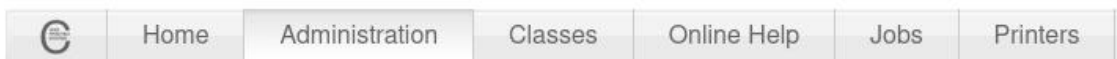
Add Printer

Name: RP425
Description: RP425(ZPL 203DPI)
Location:
Connection: usb:///RP425(ZPL%20203DPI)?serial=1232323232
Sharing: Do Not Share This Printer
Make: Rongta
Model:

Rongta RP422(TSPL 203DPI) (en, en, zh_CN, zh_TW)
 Rongta RP422(TSPL 203DPI) (en, en, zh_CN, zh_TW)
 Rongta RP422(ZPL 203DPI) (en, en, zh_CN, zh_TW)
 Rongta RP422(ZPL 300DPI) (en, en, zh_CN, zh_TW)
 Rongta RP425(TSPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP425(ZPL 203DPI) (en, en, zh_CN, zh_TW)
 Rongta RP500(TSPL 300DPI) (en, en, zh_CN, zh_TW)
 Rongta RP500(ZPL 300DPI) (en, en, zh_CN, zh_TW)
 Rongta RP500A(TSPL 300DPI) (en, en, zh_CN, zh_TW)
 Rongta RP500A(ZPL 300DPI) (en, en, zh_CN, zh_TW)
 Rongta RP810 (en, en, zh_CN, zh_TW)

Or Provide a PPD File: No file selected.

07、Click on 'Set Default Options' in the new interface to complete the driver installation.



Set Default Options for RP425

General **Printer Options** **Banners** **Policies**

General

Media Size: 100mmx150mm ▾
Media Settings: Gap ▾

08、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.

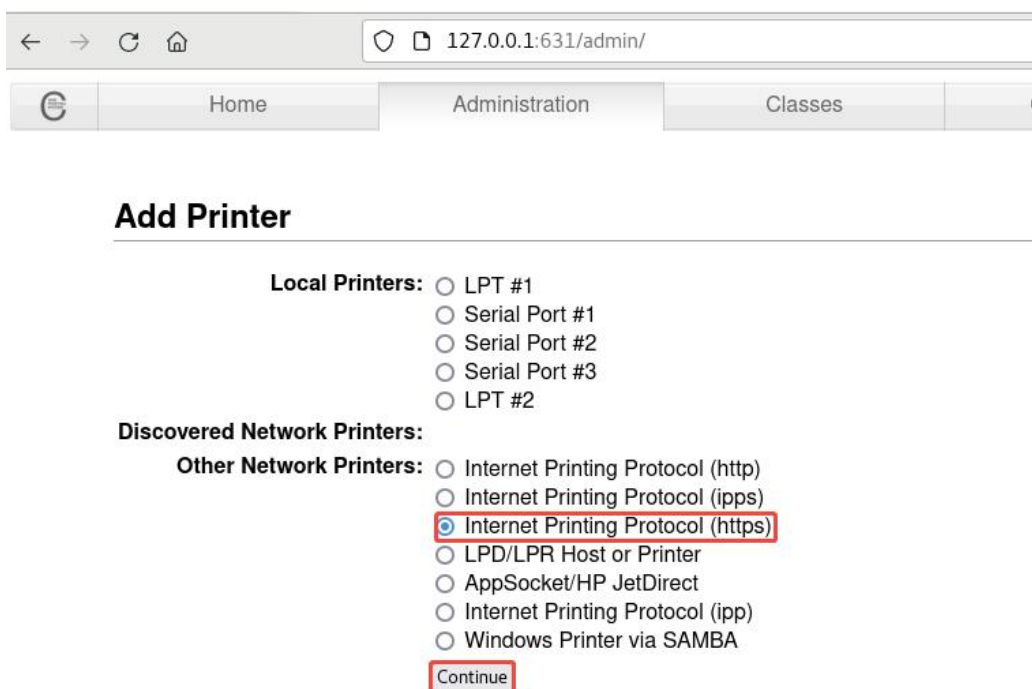


2.2、Installing printer drivers on network port

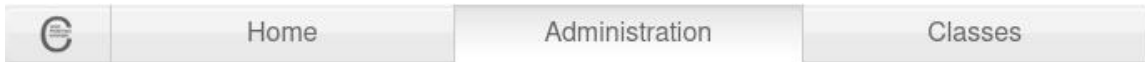
01、Open the browser, enter the address 127.0.0.1:631, and then press enter.

02、Click on "Administration" --> "Add Printer" in the new interface.

03、Select "Internet Printing Protocol (https)" in the new interface and click "continue".



04、Follow the prompts below to enter in the new interface “ socket://hostname:9100 ”, hostname is the IP address of the printer (you can check the printer’s IP information by printing the self-test page), then click “continue”.



Add Printer

Connection:

Examples:

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

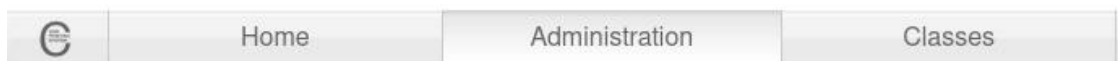
ipp://hostname/ipp/
ipp://hostname/ipp/port1

lpd://hostname/queue

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

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

05、Enter the printer name and other related 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://192.168.9.208:9100

Sharing: ☐ Share This Printer

06、Select the manufacturer "Rongta" in the new interface and click "continue".



Add Printer

Name: RP425

Description: RP425(ZPL 220DPI)

Location:

Connection: socket://192.168.9.208:9100

Sharing: Do Not Share This Printer

Make:

Ricoh
Rongta
RP
RP3xxZPL
RP410
RPP30
Samsung
Savin
Seiko
Sharp

Continue

Or Provide a PPD File: No file selected.

07、After selecting the printer driver, click "Add Printer."

Add Printer

Name: RP425
Description: RP425(ZPL 220DPI)
Location:
Connection: socket://192.168.9.208:9100
Sharing: Do Not Share This Printer
Make: Rongta
Model:

Rongta RP422(ZPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP422(TSPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP422(ZPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP422(ZPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP425(TSPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP425(ZPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP500(TSPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP500(ZPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP500A(TSPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP500A(ZPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP810 (en, en, zh_CN, zh_TW)

Or Provide a PPD File: No file selected.

08、Click on 'Set Default Options' in the new interface to complete the driver installation.

Set Default Options for RP425

General **Printer Options** **Banners** **Policies**

General

Media Size: 100mmx150mm ▾

Media Settings: Gap ▾

09、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.

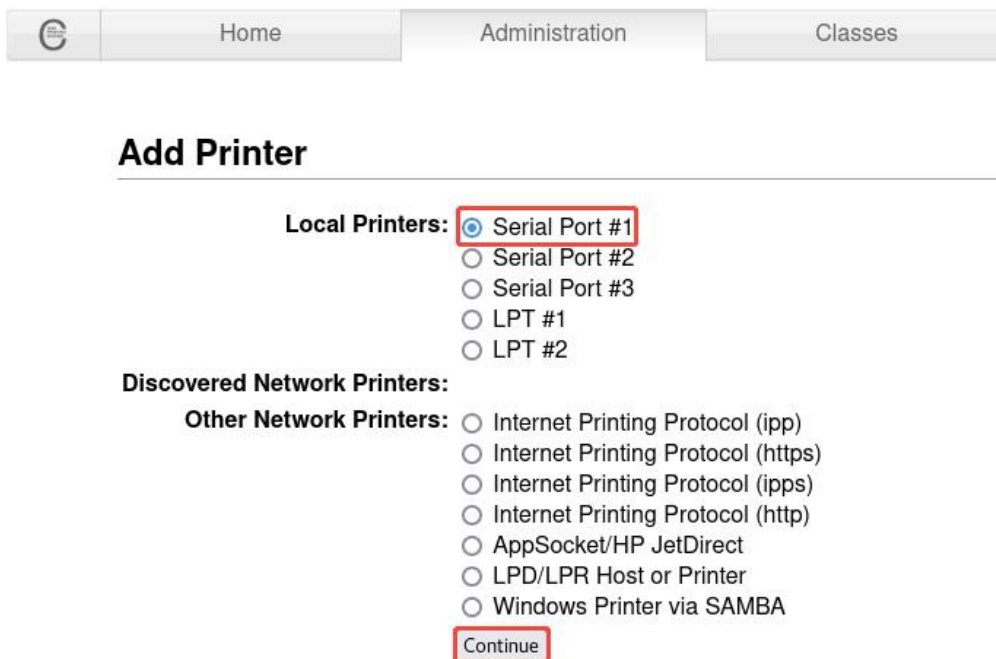


2.3、Installing printer drivers on serial or parallel ports

01、Open the browser, enter the address 127.0.0.1:631, and then press enter.

02、Click on "Administration" --> "Add Printer" in the new interface.

03、Select the corresponding serial port in the new interface and click "continue".



04、Set parameters such as baud rate (parallel port does not need to be set).



Add Printer

Connection: serial:/dev/ttyS0?baud=115200

Baud Rate: 19200 ▾

Parity: None ▾

Data Bits: 8 ▾

Flow Control: None ▾

05、Enter the printer name and other related information in the new interface, and click "Continue".



Add Printer

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

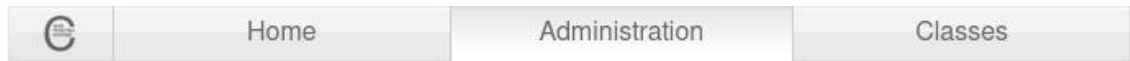
Description:
(Human-readable description such as "HP LaserJet with Duplexer")

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

Connection: serial:/dev/ttyS0?baud=115200

Sharing: ☐ Share This Printer

06、Select the manufacturer "Rongta" in the new interface and click "continue".



Add Printer

Name: RP425

Description: RP425(ZPL 220DPI)

Location:

Connection: serial:/dev/ttyS0?baud=115200

Sharing: Do Not Share This Printer

Make:

A dropdown menu for selecting the printer manufacturer. The list includes: Ricoh, Rongta (highlighted with a blue background and a red border), RP, RP3xxZPL, RP410, RPP30, Samsung, Savin, Seiko, and Sharp. Below the list is a 'Continue' button, also highlighted with a red border.

Ricoh
Rongta
RP
RP3xxZPL
RP410
RPP30
Samsung
Savin
Seiko
Sharp

Continue

Or Provide a PPD File: No file selected.

07、After selecting the printer driver, click "Add Printer".

Add Printer

Name: RP425
Description: RP425(ZPL 220DPI)
Location:
Connection: serial:/dev/ttyS0?baud=115200
Sharing: Do Not Share This Printer
Make: Rongta
Model: Rongta RP425(ZPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP422(TSPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP422(ZPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP422(ZPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP425(TSPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP425(ZPL 203DPI) (en, en, zh_CN, zh_TW)
Rongta RP500(TSPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP500(ZPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP500A(TSPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP500A(ZPL 300DPI) (en, en, zh_CN, zh_TW)
Rongta RP810 (en, en, zh_CN, zh_TW)
Or Provide a PPD File: No file selected.

08、Click on 'Set Default Options' in the new interface to complete the driver installation.

Set Default Options for RP425

General **Printer Options** **Banners** **Policies**

General

Media Size: 100mmx150mm ▼

Media Settings: Gap ▼

09、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.



RP425 (Idle, Accepting Jobs, Not Shared)



Uninstall steps

1、Installing printer drivers through serial and parallel ports

01、Extract installation package:RTLabel_LinuxDriver_v1.0.0.tar.gz

02、Enter the installation package directory:

RTLabel_LinuxDriver_vx.x.x\

03、run the terminal, input "sudo sh ./remove.sh" to start installing driver files, then enter the password to install the driver file.

2、Uninstalling printer

04、Open the browser, enter the address 127.0.0.1:631, 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.

RP425 (Idle, Accepting Jobs, Not Shared)

