

Rongta POS Printer Linux Driver Help Document

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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:RTPOS_LinuxDriver_v1.0.0.tar.gz

02、Enter the installation package directory:

RTPOS_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 RTPOS_LinuxDriver_v1.0.0]$ sudo sh ./install.sh
[sudo] password for caissa:
-----
Rongta POS 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 rastertortpos filter to /usr/lib/cups/filter
Copying model ppd files to /usr/share/cups/model/RongtaPos

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 RTPOS_LinuxDriver_v1.0.0]$
```

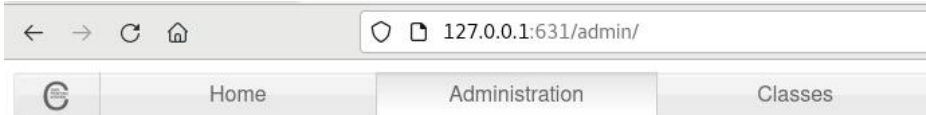
2、Install printer driver

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'.



Add Printer

Local Printers:

- ☐ Serial Port #1
- ☐ Serial Port #2
- ☐ Serial Port #3
- ☐ LPT #1
- ☐ LPT #2
- ☒ USB 80Series2 (USB 80Series2)

Discovered Network Printers:

Other Network Printers:

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

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



Add Printer

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

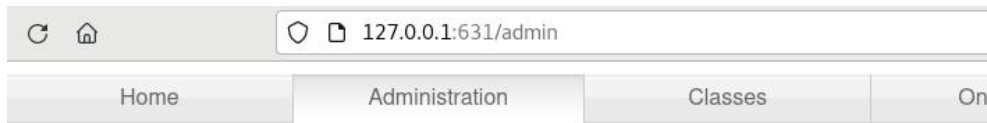
Description:
(Human-readable description such as "HP LaserJet with Duplexer")

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

Connection: usb://USB/80Series2?serial=GD2077E7D756D1232

Sharing: ☐ Share This Printer

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



Add Printer

Name: RP325
Description: RP325 80Series2
Location:
Connection: usb://USB/80Series2?serial=GD2077E7D756D1232
Sharing: Do Not Share This Printer

Make:

- Olympus
- Panasonic
- PCPI
- Raven
- Raw
- Ricoh
- rongta**
- Samsung
- Savin
- Seiko

Or Provide a PPD File: No file selected.

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

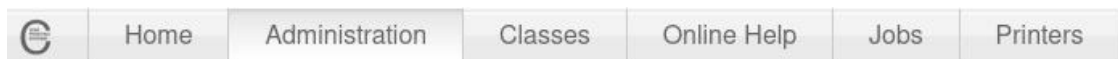


Add Printer

Name: RP325
Description: RP325 80Series2
Location:
Connection: usb:///USB/80Series2?serial=GD2077E7D756D1232
Sharing: Do Not Share This Printer
Make: rongta
Model:

Or Provide a PPD File: No file selected.

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



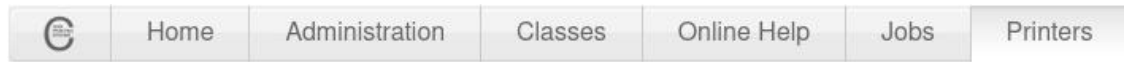
Set Default Options for RP325

General **Device Settings** **Banners** **Policies**

General

Media Size:

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.



RP325 (Idle, Accepting Jobs, Not Shared)

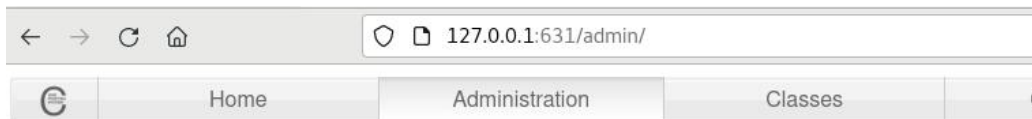


2.2、Installing printer drivers on network port

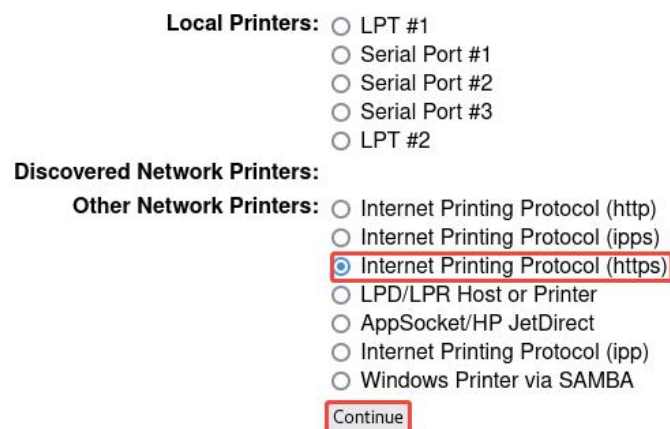
01、Open the browser, enter the address 127.0.0.1:631, and then press enter.

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

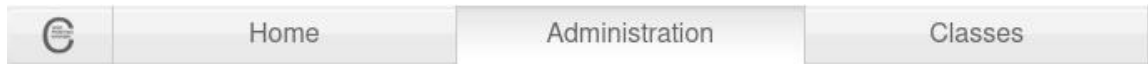
03、Select "Internet Printing Protocol (https)" in the new interface and click "continue".



Add Printer



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
```

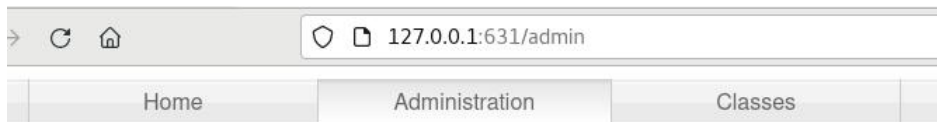
```
ipp://hostname/ipp/
ipp://hostname/ipp/port1
```

```
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")

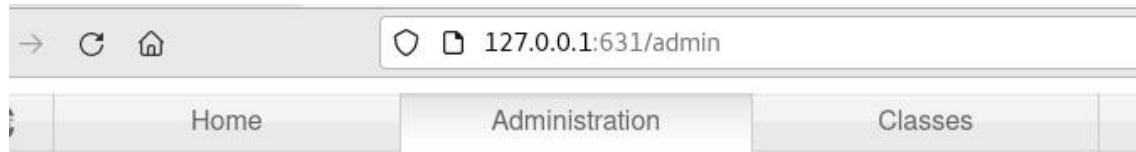
Location:

(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: RP325
Description: RP325 80Series2
Location:
Connection: socket://192.168.9.208:9100
Sharing: Do Not Share This Printer
Make:

- Olivetti
- Olympus
- Panasonic
- PCPI
- Raven
- Raw
- Ricoh
- rongta**
- Samsung
- Savin

Or Provide a PPD File: No file selected.

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

Add Printer

Name: RP325
Description: RP325 80Series2
Location:
Connection: socket://192.168.9.208:9100
Sharing: Do Not Share This Printer
Make: rongta
Model:

Or Provide a PPD File: No file selected.

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

Home	Administration	Classes	Online Help	Jobs	Printers
------	----------------	---------	-------------	------	----------

Set Default Options for RP325

General **Device Settings** **Banners** **Policies**

General

Media Size: ▾

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.

Home	Administration	Classes	Online Help
------	----------------	---------	-------------

RP325 (Idle, Accepting Jobs, Not Shared)

Maintenance ▾	Administration ▾
Maintenance	RP325 80Series2
Print Test Page	
Pause Printer	Printer80 (grayscale, 2-sided printing)
Reject Jobs	ocket://192.168.9.208:9100
Move All Jobs	ob-sheets=none, none media=om_x80mm-y210mm_80.08x209.9mm sides=one-sided
Cancel All Jobs	
Jobs	

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”.

	Home	Administration	Classes
---	------	----------------	---------

Add Printer

Local Printers:

- ☒ Serial Port #1
- ☐ Serial Port #2
- ☐ Serial Port #3
- ☐ LPT #1
- ☐ LPT #2

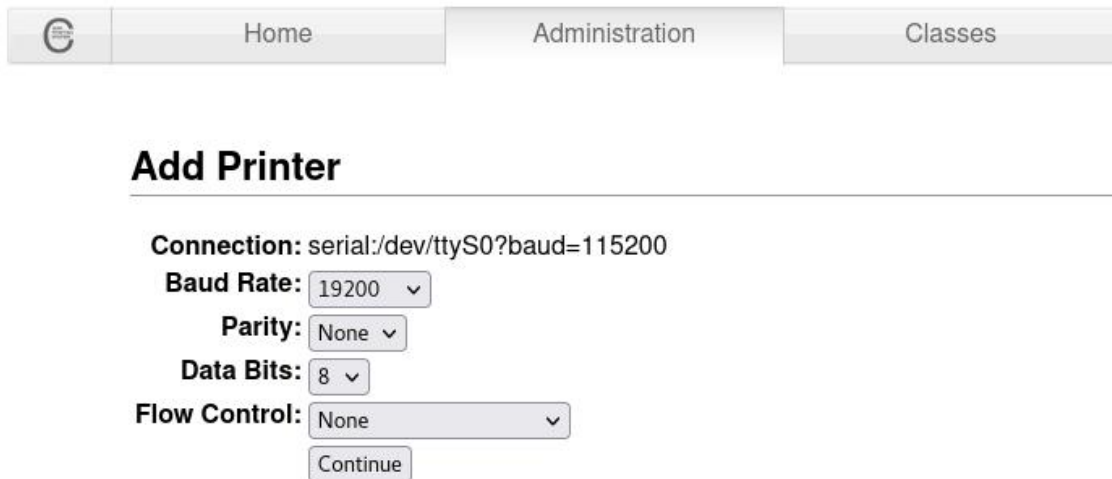
Discovered Network Printers:

Other Network Printers:

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

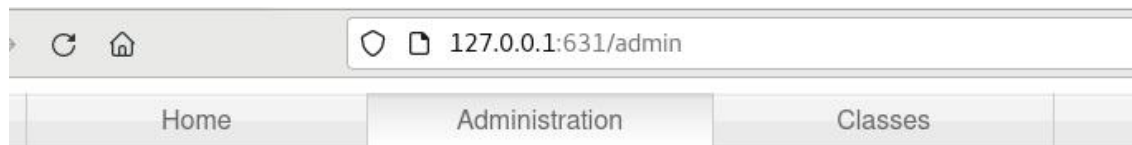
Continue

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



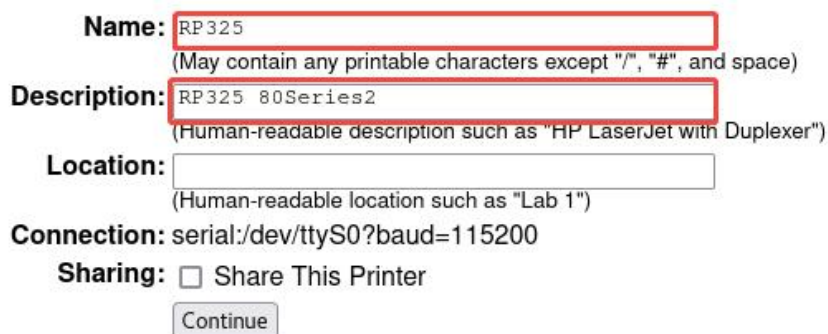
The screenshot shows a web interface with a navigation bar at the top containing a logo, 'Home', 'Administration', and 'Classes'. Below the navigation bar is a section titled 'Add Printer'. The 'Connection' field is set to 'serial:/dev/ttyS0?baud=115200'. Below this are four dropdown menus: 'Baud Rate' (set to 19200), 'Parity' (set to None), 'Data Bits' (set to 8), and 'Flow Control' (set to None). A 'Continue' button is located at the bottom of the form.

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



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:631/admin'. The browser's navigation bar includes 'Home', 'Administration', and 'Classes'. Below the navigation bar is a section titled 'Add Printer'.

Add Printer



The screenshot shows the 'Add Printer' web interface with the following fields and values:

- Name:** RP325 (May contain any printable characters except "/", "#", and space)
- Description:** RP325 80Series2 (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

A 'Continue' button is located at the bottom of the form.

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

	Home	Administration	Classes	
--	------	----------------	---------	--

Add Printer

Name: RP325

Description: RP325 80Series2

Location:

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

Sharing: Do Not Share This Printer

Make:

- Olivetti
- Olympus
- Panasonic
- PCPI
- Raven
- Raw
- Ricoh
- rongta**
- Samsung
- Savin

Continue

Or Provide a PPD File: No file selected.

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

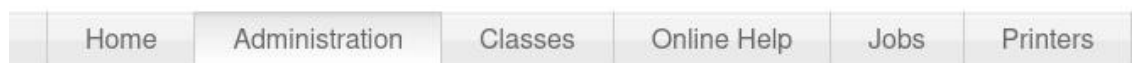


Add Printer

Name: RP325
Description: RP325 80Series2
Location:
Connection: serial:/dev/ttyS0?baud=115200
Sharing: Do Not Share This Printer
Make: rongta
Model:

Or Provide a PPD File: No file selected.

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



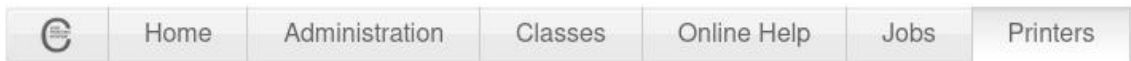
Set Default Options for RP325

General **Device Settings** **Banners** **Policies**

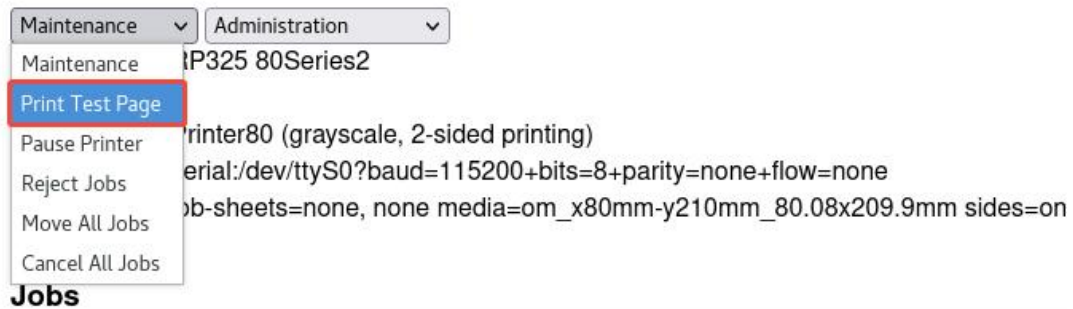
General

Media Size:

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.



RP325 (Idle, Accepting Jobs, Not Shared)



Uninstall steps

1、Installing printer drivers through serial and parallel ports ninstalling

01、Extract installation package:RTPOS_LinuxDriver_v1.0.0.tar.gz

02、Enter the installation package directory:

RTPOS_LinuxDriver_vx.x.x\

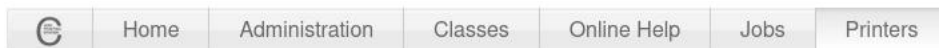
03、run the terminal, input "sudo sh ./remove.sh" to start installing driver files, then enter the password to install the driver file.

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.



RP325 (Idle, Accepting Jobs, Not Shared)

