

How to Install CUPS Driver (Integrated) (ESC/POS)

POS Printer

Rev. 1.00

1. Linux

1.1. Installation.

1. Extract this archive creating the `posprinterinstall_integrated` directory automatically.

```
# tar -zxvf posprinterinstall_integrated.tar.gz
```

2. Open your favorite shell (bash, etc.) and move to the `posprinterinstall_integrated` directory.

```
# cd posprinterinstall_integrated
```

3. Execute the 'su' command to obtain super-user level permissions.

You must enter the root user's password for this to succeed. Be careful!

4. Type 'make install' to install this package onto your computer.

```
# make install [Enter]
```

Or

```
> sudo sh setup.sh [Enter]
```

A successfull install should result in output similar to this:

```
# installing
```

```
cp ppd/*.gz install
```

```
cd install; exec ./setup
```

```
Generic POS Printer
```

```
Generic POS Printer CUPS driver installation Start
```

```
-----
```

```
Models included:
```

```
Generic POS Printer
```

```
Searching for ServerRoot, ServerBin, and DataDir tags in /etc/cups/cupsd.conf
```

```
ServerBin tag is present as an absolute path
```

```
DataDir tag is present as an absolute path
```

```
ServerRoot = /etc/cups
```

```
ServerBin  = /usr/lib/cups
```

```
DataDir    = /usr/share/cups
```

Copying rastertogtp filter to //usr/lib/cups/filter

Copying Model PPD files to //usr/share/cups/model/GenericPOS

Restarting CUPS

cups: stopped scheduler.

cups: started scheduler.

Install Complete

Add printer queue using K Menu -> Utilities -> Printing -> Printing Manager, or

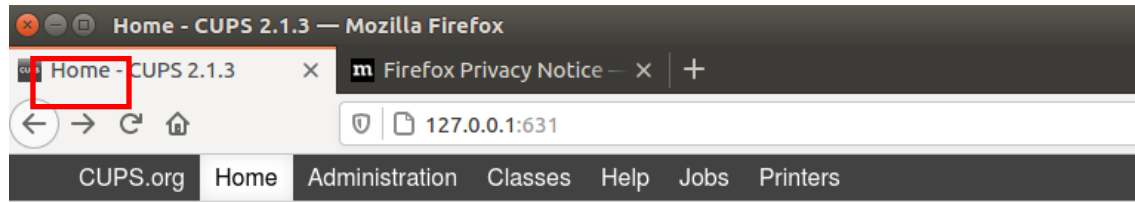
Add printer queue using OS tool, <http://localhost:631>, or <http://127.0.0.1:631>

5. Goto <http://127.0.0.1:631> or use your favorite CUPS admin tool.

Or K Menu -> Utilities -> Printing -> Printing Manager.

1.2. How to Add Printer

Execute browser and move to <http://127.0.0.1:631>



CUPS 2.1.3

CUPS is the standards-based, open source printing system developed by [Apple Inc.](#) for OS X® and other L

CUPS for Users

[Overview of CUPS](#)

[Command-Line Printing and Options](#)

[User Forum](#)

CUPS for Administrators

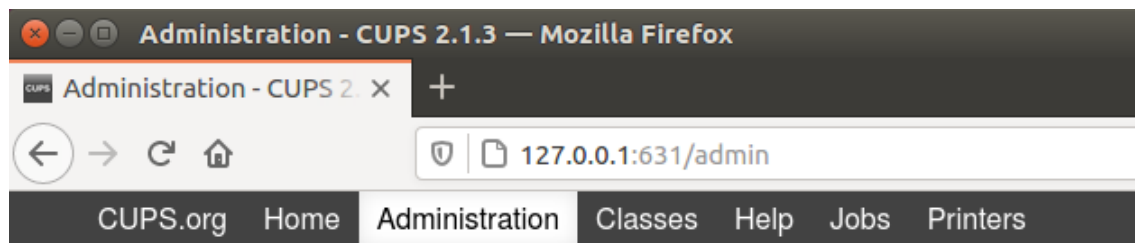
[Adding Printers and Classes](#)

[Managing Operation Policies](#)

[Using Network Printers](#)

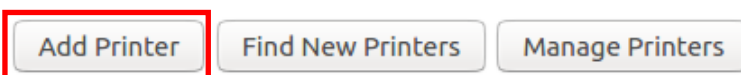
[cupsd.conf Reference](#)

Click the Administration tab and “Add Printer” button as below

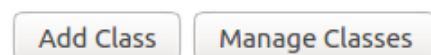


Administration

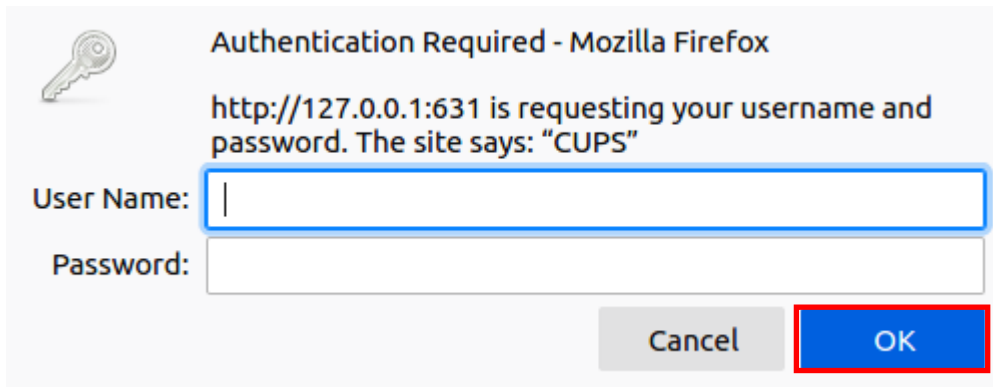
Printers



Classes



Input the "User Name" and "Password". Click the "OK" button.



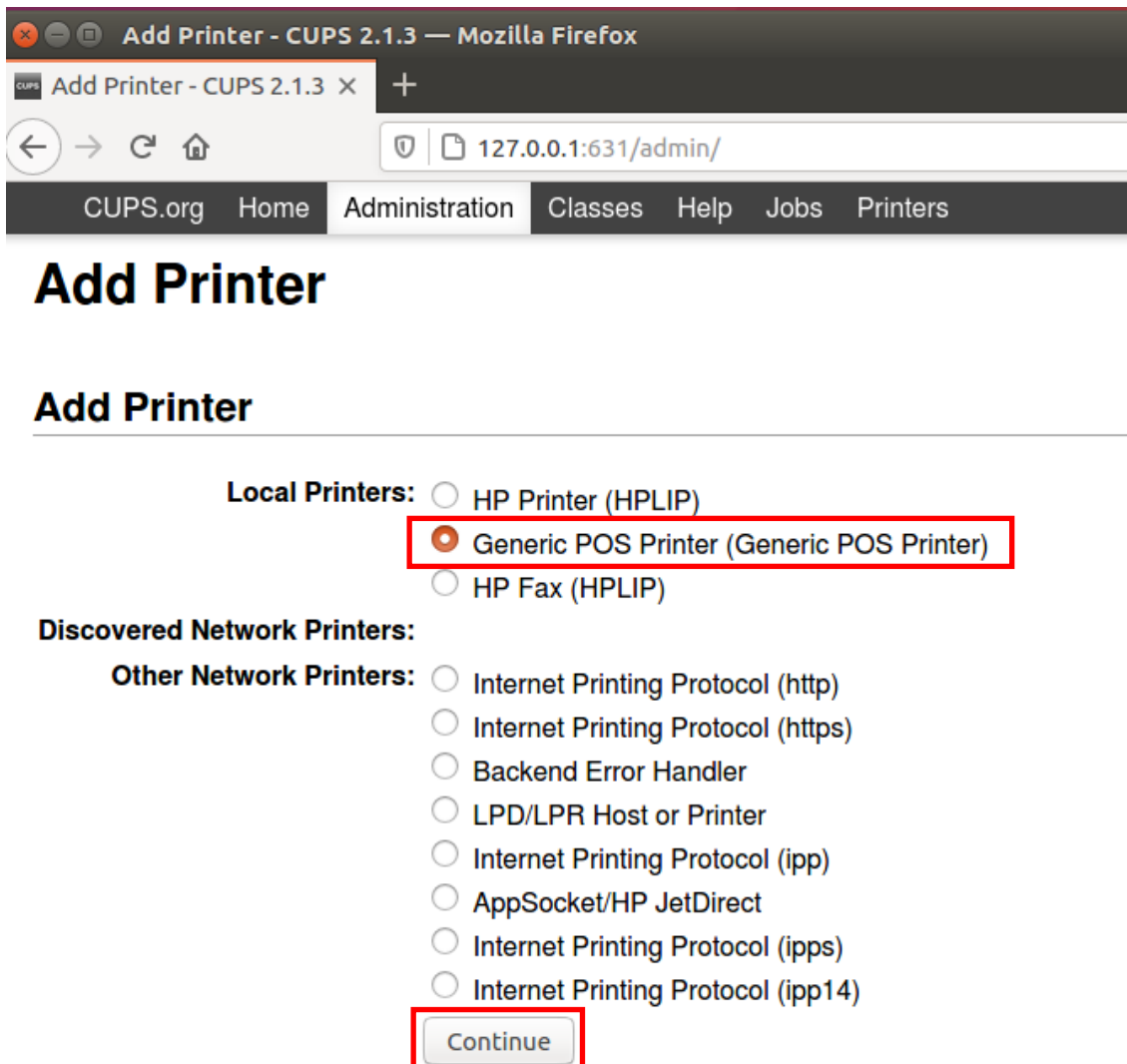
Authentication Required - Mozilla Firefox

http://127.0.0.1:631 is requesting your username and password. The site says: "CUPS"

User Name:

Password:

Select the connected printer and click the "Continue" button.



Add Printer - CUPS 2.1.3 — Mozilla Firefox

Add Printer - CUPS 2.1.3 x +

127.0.0.1:631/admin/

CUPS.org Home Administration Classes Help Jobs Printers

Add Printer

Add Printer

Local Printers:

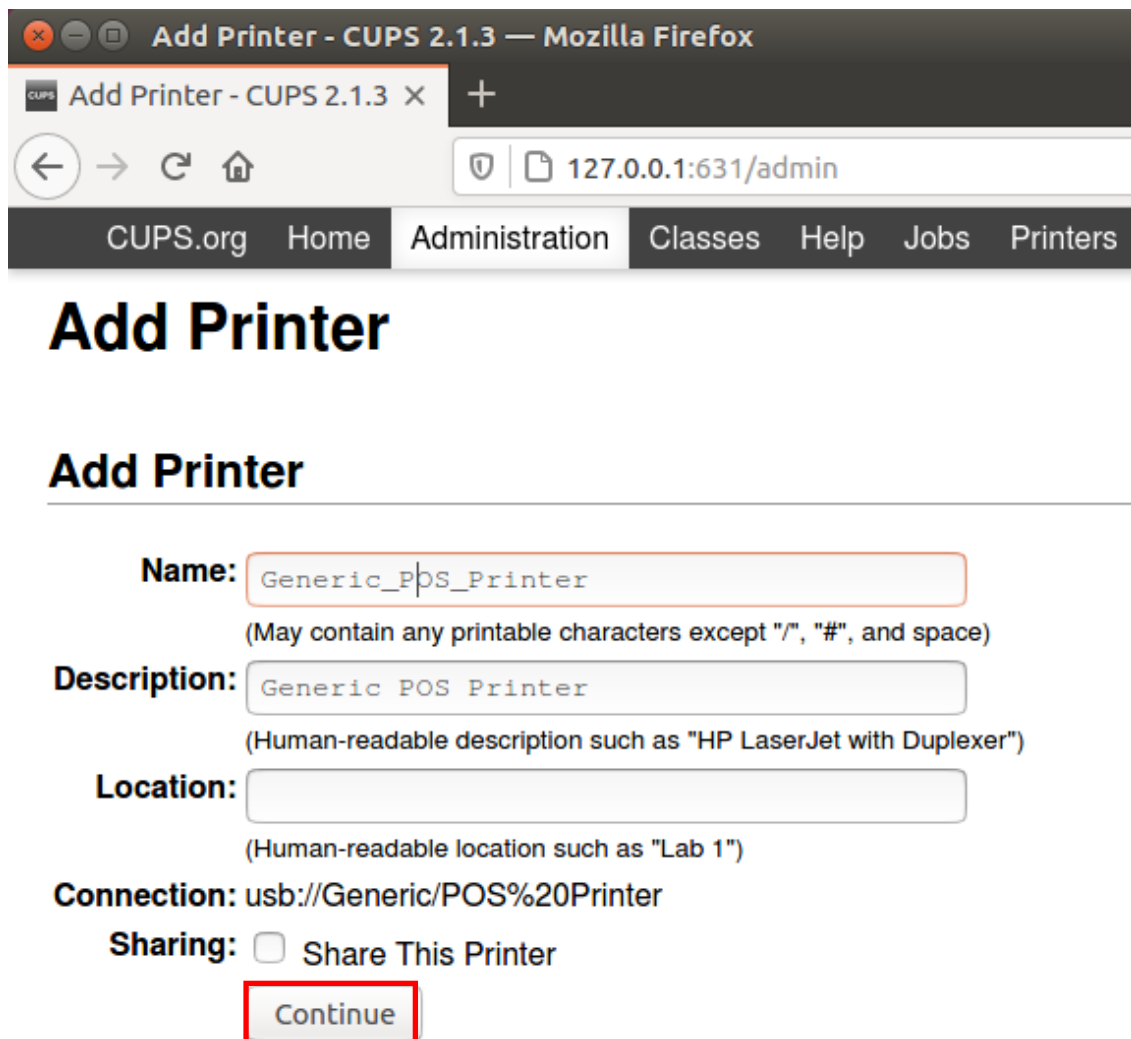
- ☐ HP Printer (HPLIP)
- ☒ Generic POS Printer (Generic POS Printer)
- ☐ HP Fax (HPLIP)

Discovered Network Printers:

Other Network Printers:

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

Input the printer driver name and Click the “Continue” button.



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")

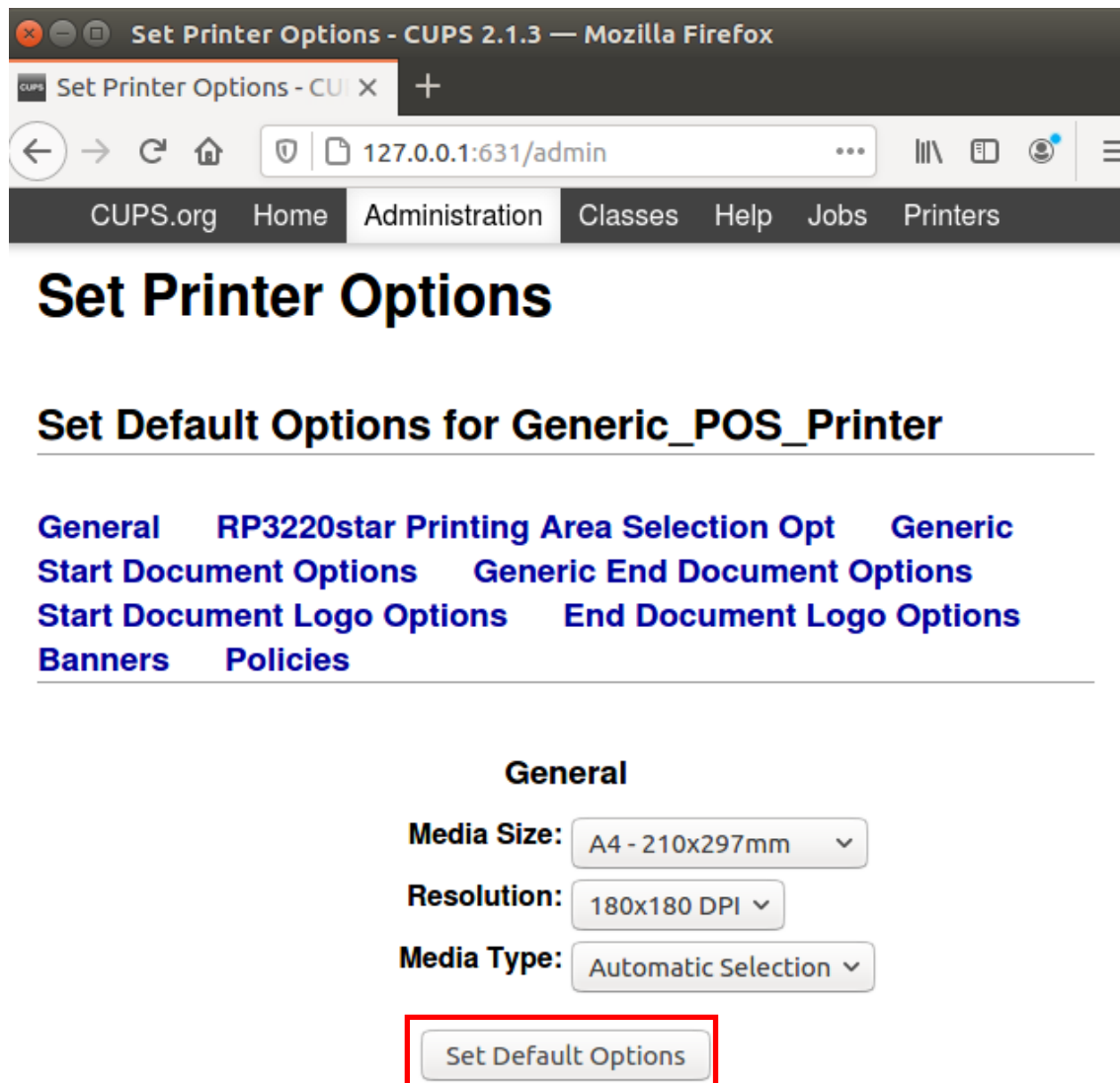
Connection: usb://Generic/POS%20Printer

Sharing: ☐ Share This Printer

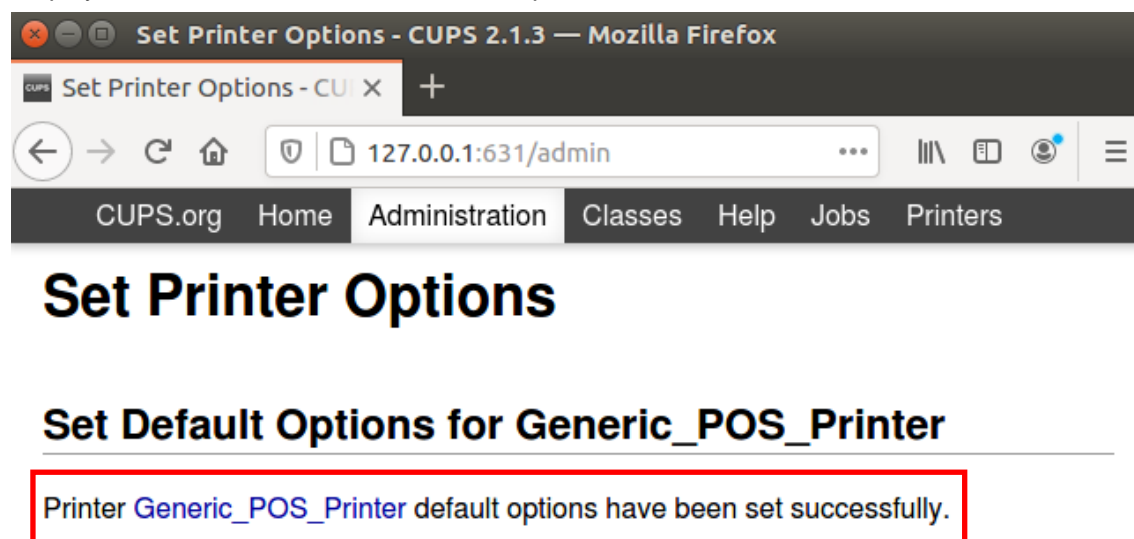
Select the printer driver name and Click the “Add Printer” button.

Name: Generic_POS_Printer
Description: Generic POS Printer
Location:
Connection: usb://Generic/POS%20Printer
Sharing: Do Not Share This Printer
Make: Generic
Model: Generic POS Printer (en)
Generic Braille embosser, 1.0 (en)
Generic ESC/P Dot Matrix Printer Foomatic/eps9high (en)
Generic ESC/P Dot Matrix Printer Foomatic/eps9mid (en)
Generic ESC/P Dot Matrix Printer Foomatic/epson (recommended) (en)
Generic ESC/P Dot Matrix Printer Foomatic/epsonc (en)
Generic ESC/P Dot Matrix Printer Foomatic/lq850 (en)
Generic GDI Printer Foomatic/gdi (en)
Generic IBM-Compatible Dot Matrix Printer Foomatic/ibmprio (recommended) (en)
Generic IPP Everywhere Printer (en)
Or Provide a PPD File: No file selected.

Click the “Set Default Options” button.



Display the result as below. Click the added printer driver.



Display the information of added printer as below.

Generic_POS_Printer - CUPS 2.1.3 — Mozilla Firefox

Generic_POS_Printer - CUPS

127.0.0.1:631/printers/Generic_POS_P ...

CUPS.org Home Administration Classes Help Jobs Printers

Generic_POS_Printer

Generic_POS_Printer (Idle, Accepting Jobs, Not Shared)

Maintenance Administration

Description: Generic POS Printer

Location:

Driver: Generic POS Printer (grayscale)

Connection: usb://Generic/POS%20Printer

Defaults: job-sheets=none, none media=iso_a4_210x297mm sides=one-sided

Jobs

Search in Generic_POS_Printer:

Search Clear

Show Completed Jobs Show All Jobs

No jobs.