

Installing PBXware on Ubuntu

This guide explains how to install PBXware on Ubuntu Server (24.04 LTS). It walks through preparing the system, installing the software, and accessing the web interface.

Warning: This process will erase all data on the target machine.

Requirements

- Server or virtual machine
- Ubuntu Server 24.04 LTS ISO
- USB flash drive (8GB or larger)
- Internet connection

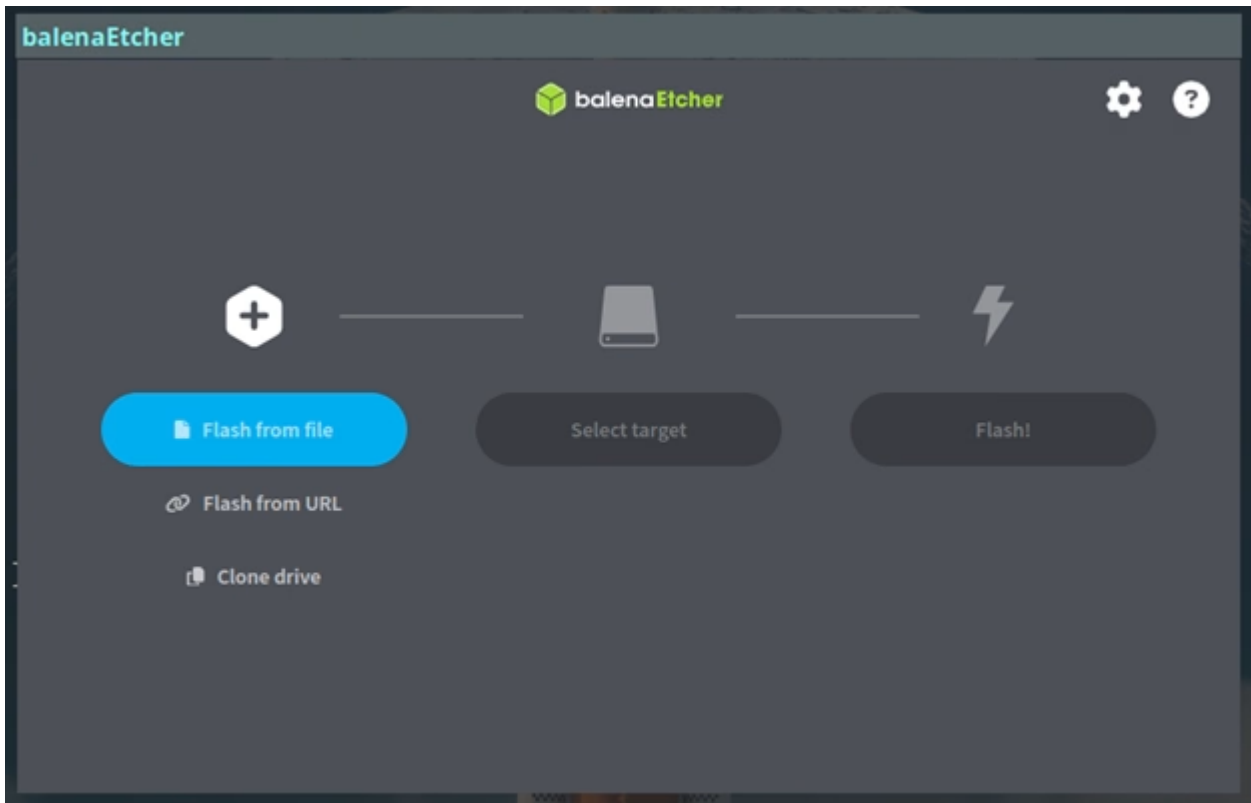
Step 1: Download Ubuntu Server

Download the [Ubuntu Server 24.04 LTS ISO](#) and save it to your computer.

Step 2: Create Bootable USB

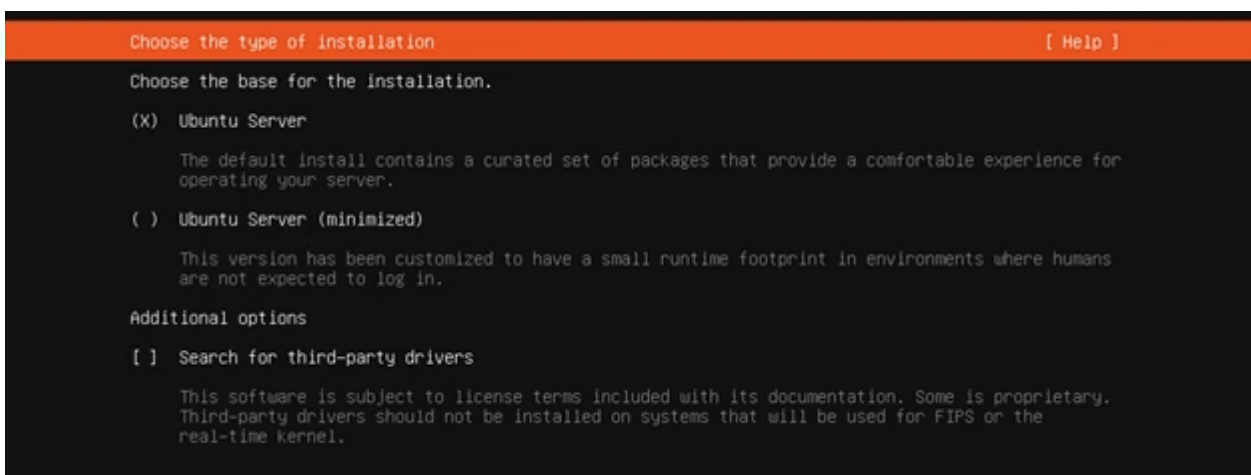
Download [Balena Etcher](#):

1. Select the Ubuntu ISO
2. Select your USB drive
3. Click Flash



Step 3: Install Ubuntu Server

1. Boot your server from the USB
2. Select **Ubuntu Server**



Follow prompts:

- Leave network as default (DHCP) or add your IP address manually

- Select disk (this wipes all data)
- Create username and password
- Enable **OpenSSH Server**

```
Network configuration [ Help ]
Configure at least one interface this server can use to talk to other machines, and which preferably
provides sufficient access for updates.

NAME      TYPE  NOTES
[ enp1s0  eth  -           ▶ ]
DHCPv4    192.168.122.252/24
          52:54:00:91:97:46 / Red Hat, Inc. / Virtio 1.0 network device

[ Create bond ▶ ]
```

```
SSH configuration [ Help ]
You can choose to install the OpenSSH server package to enable secure remote access to your server.

[X] Install OpenSSH server

[X] Allow password authentication over SSH

[ Import SSH key ▶ ]

AUTHORIZED KEYS
No authorized key
```

After installation:

- Reboot system
- Remove USB drive

Step 4: Get Server IP Address

Log in and run:

```
ip a
```

Look for the inet IP address.

```
2: enp1s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 52:54:00:91:97:46 brd ff:ff:ff:ff:ff:ff
    inet 192.168.122.252/24 metric 100 brd 192.168.122.255 scope global dynamic enp1s0
        valid_lft 3591sec preferred_lft 3591sec
    inet6 fe80::5054:ff:fe91:9746/64 scope link
        valid_lft forever preferred_lft forever
```

Step 5: Download PBXware Installer

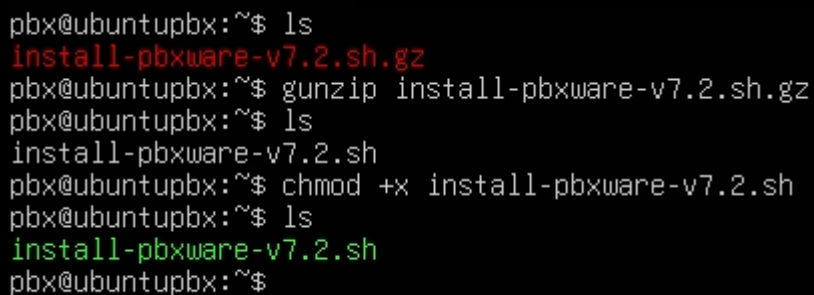
[Software Archives](#)

```
wget <PBXWARE_DOWNLOAD_LINK>
```

Step 6: Run Installation

```
gunzip install-pbxware-v7x.sh.gz
chmod +x install-pbxware-v7x.sh
sudo su
./install-pbxware-v7x.sh
```

Follow the prompts.



```
pbx@ubuntupbx:~$ ls
install-pbxware-v7.2.sh.gz
pbx@ubuntupbx:~$ gunzip install-pbxware-v7.2.sh.gz
pbx@ubuntupbx:~$ ls
install-pbxware-v7.2.sh
pbx@ubuntupbx:~$ chmod +x install-pbxware-v7.2.sh
pbx@ubuntupbx:~$ ls
install-pbxware-v7.2.sh
pbx@ubuntupbx:~$
```

Step7: Verify Services

```
systemctl status pbxware.service
systemctl status setupwizard.service
```

Both should be running.

Insert Image: Successful service status screen

Step 8: Access Web Interface

Open a browser:

`http://YOUR_SERVER_IP:81`

Example:

`http://192.168.1.100:81`

Default Login

Username:

Password:

Service Management

Start/Stop/Restart:

```
systemctl restart pbxware.service
systemctl restart setupwizard.service
```

View Logs

```
sudo journalctl -u pbxware.service -f
sudo journalctl -u setupwizard.service -f
```

Common Issues

Cannot Access Web Interface

- Verify correct IP address
- Ensure port 81 is open
- Check firewall settings

Installation Script Fails

- Run as root (sudo su)
- Confirm internet access
- Re-download installer

Services Not Running

```
systemctl restart pbxware.service
```

Check logs for errors.

Additional Notes

- Use a static IP address
- [Open required VoIP ports \(SIP/RTP\)](#)
- Change default password after login