

A large, stylized letter 'M' logo. The top bar of the 'M' is a bright blue, while the vertical stems are a darker blue. The logo is overlaid with a light gray grid of intersecting lines. Below the 'M' is a faint, light gray shadow of the same shape.

Milesight Openvision Server

How to set up Milesight OpenVision Server

Version: V1.0

Date: 2025-08-06

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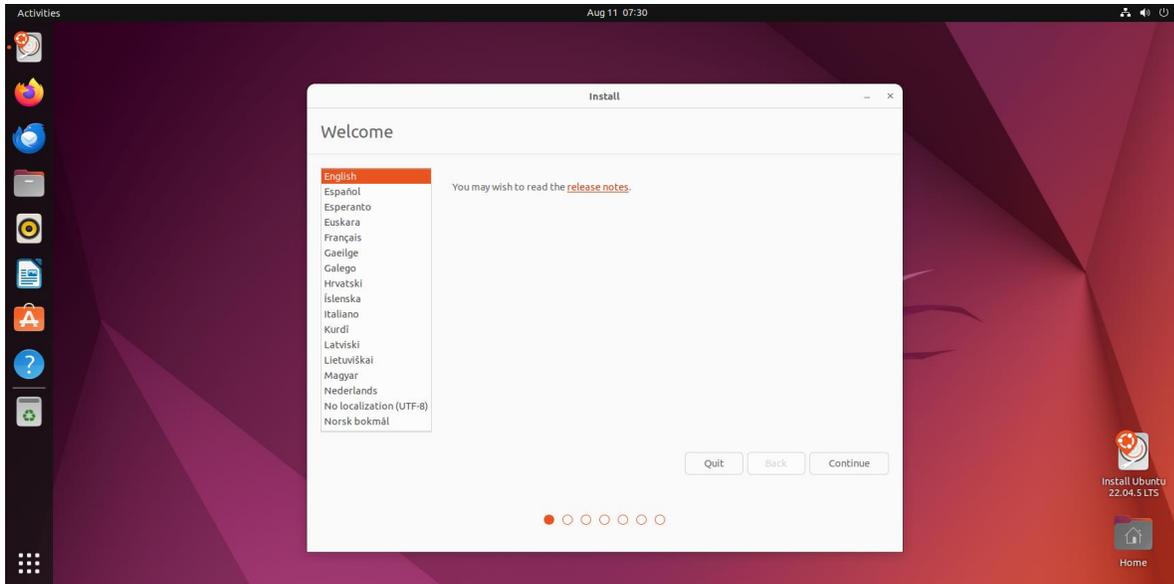
Chapter 1. Preparation

1. Connect a display to the device using HDMI or DisplayPort.
2. Connect a keyboard and mouse to the device using the USB-ports.
3. Connect the device to the network using the RJ-45 port.
4. Install up to two storage disks using the provided SATA cables.
5. Press the power-button.

Chapter 2. Initial Configuration

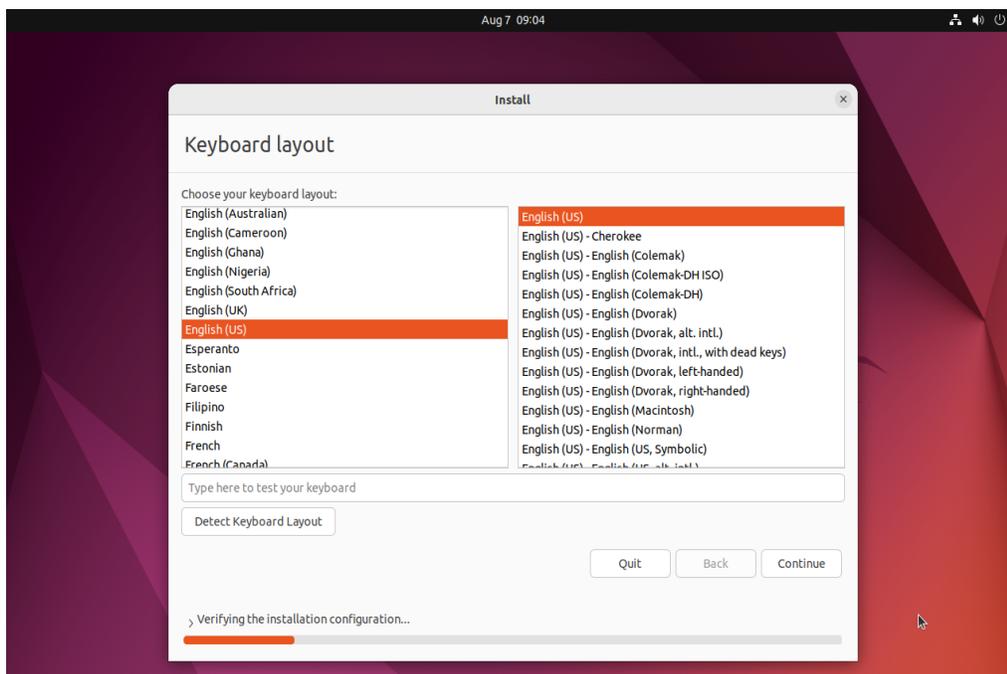
When starting the device for the first time, you will be met with the first-time setup.

2.1 Choose Your Language



Press **Continue** to confirm.

2.2 Choose Your Keyboard Layout

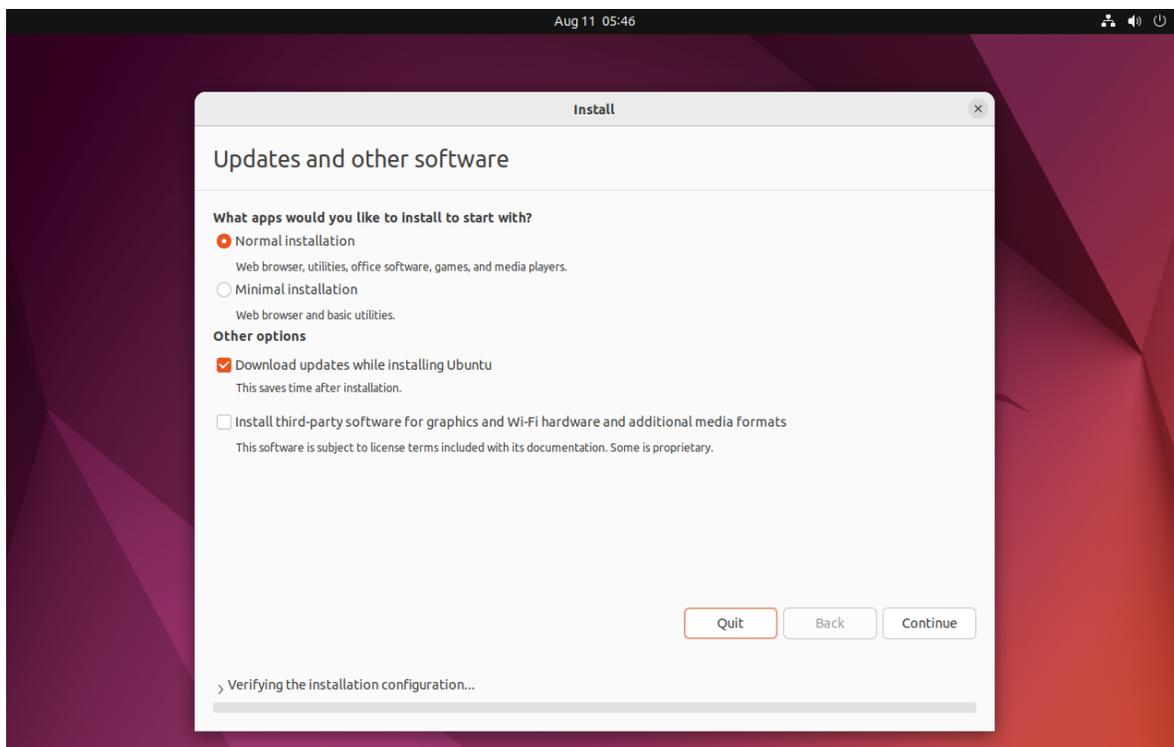


Press **Continue** to confirm.

2.3 Select Installation Method

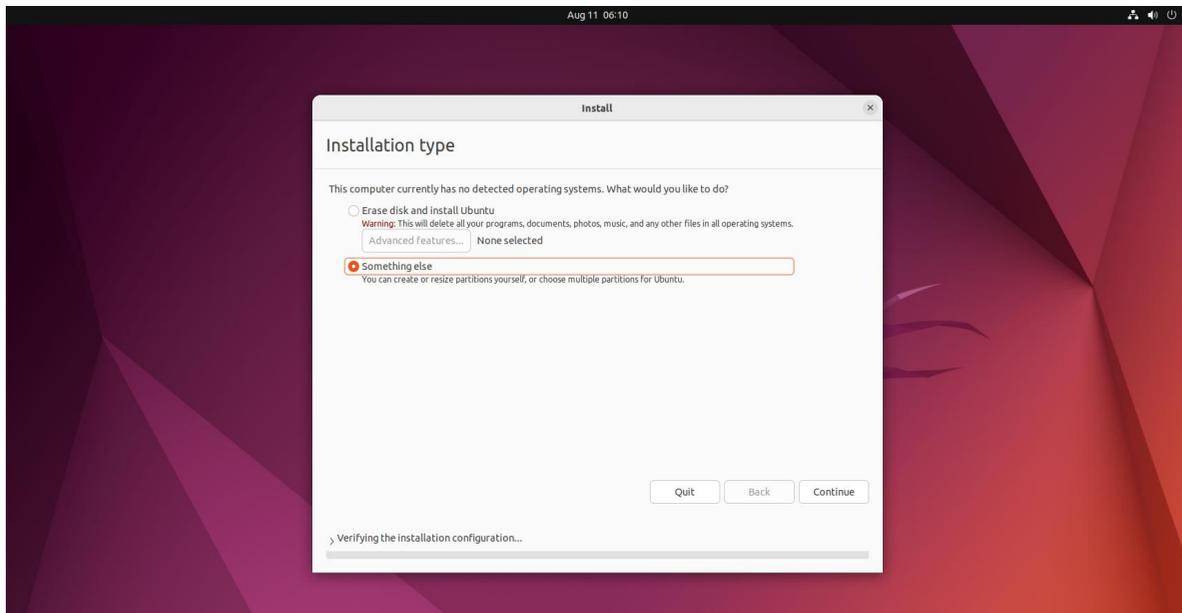
This step determines your system's initial software setup.

Normal installation includes common software, while the **minimal installation** only provides the basic system and essential tools (such as a web browser). You can select either option based on your needs, and may also choose to download updates or install third-party software during setup.



Select your preferences and click **Continue**.

2.4 Setup Disk Partitioning

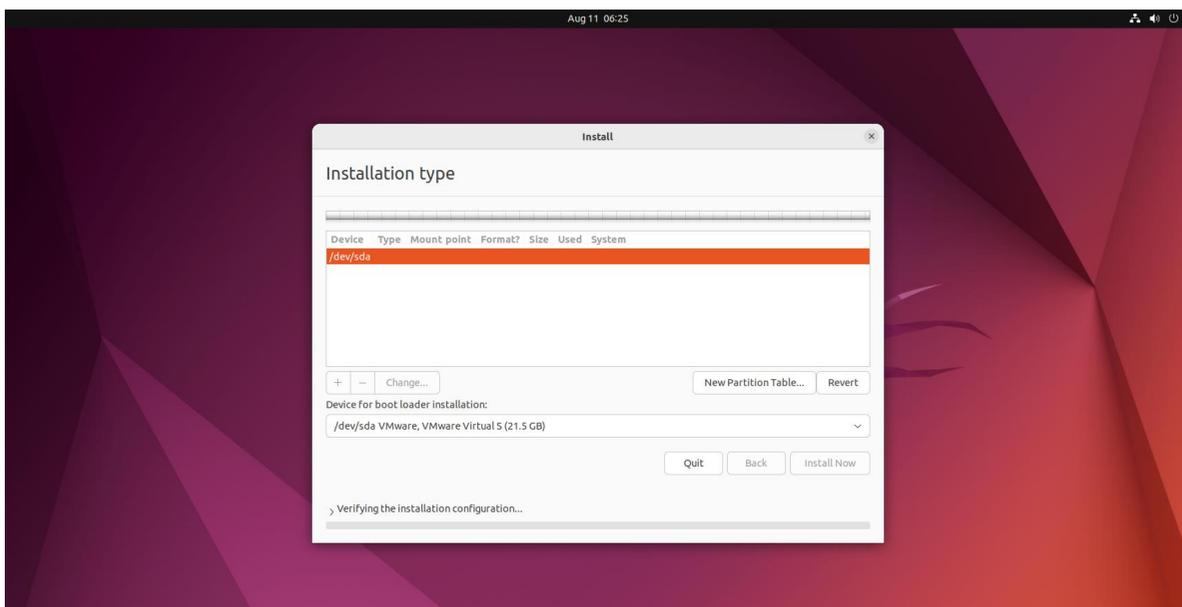


- For **"Erase disk and install Ubuntu"**:

This option will permanently delete all existing data on the disk, including any other operating systems. Click "Advanced features" to configure encryption or LVM (disabled by default).

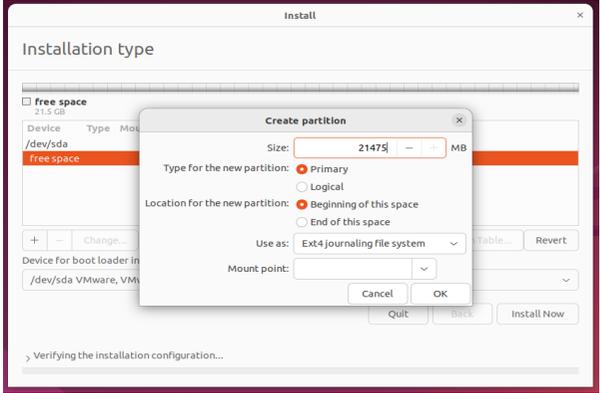
- For **"Something else"**:

Select this option to manually create, resize, or reuse existing partitions. The page will show below:

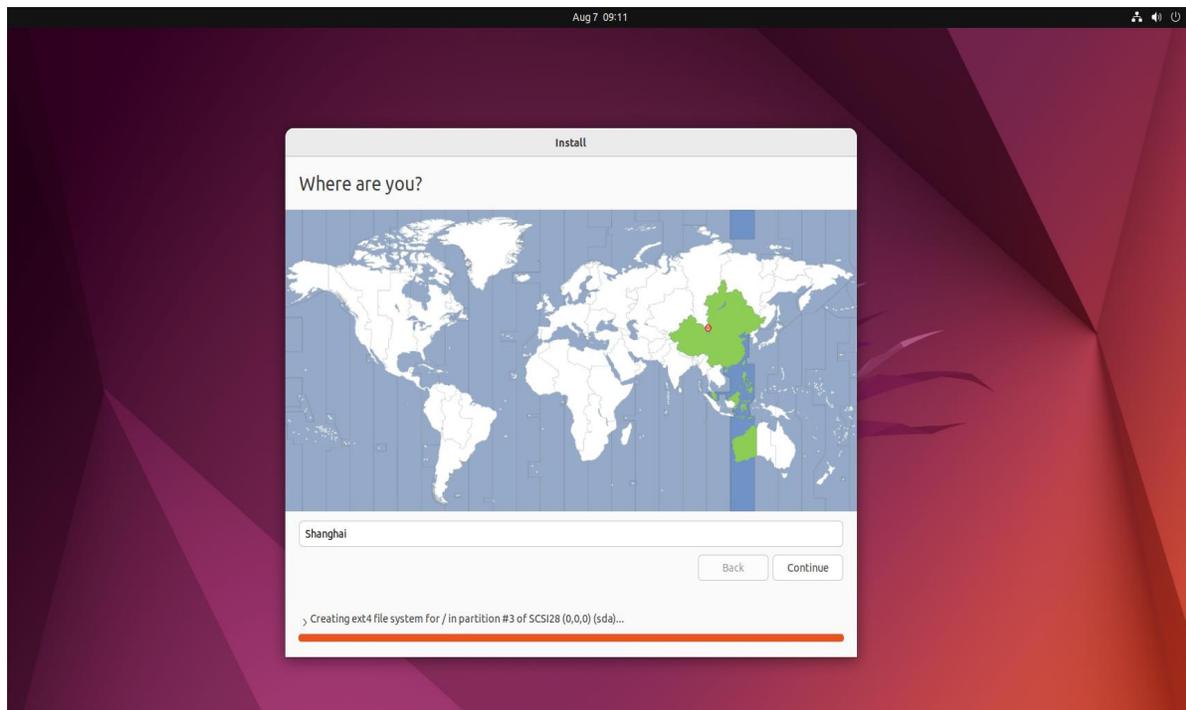


The meanings of the parameters on the page can be referred to the table as below:

Table 1.

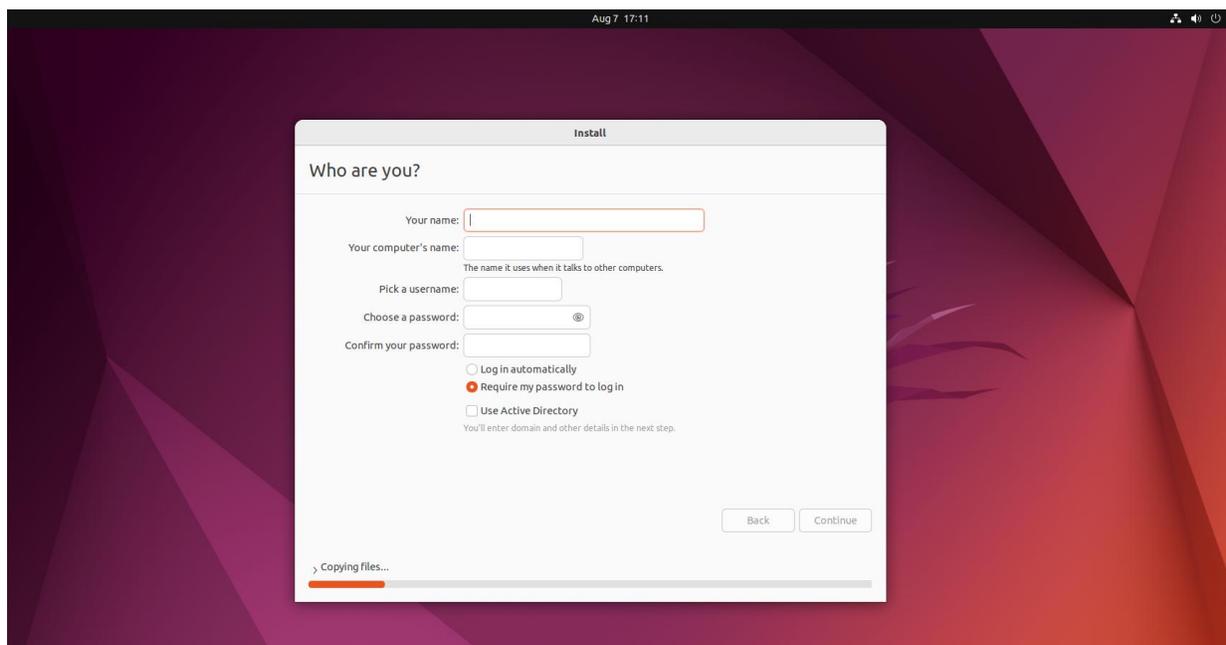
Parameters	Function Introduction
Device Information	Disk device information shown at top, including device name, type, mount point, format, size, used and system.
New Partition Table	<p>Click to create new empty partition table on the device.</p> 
Revert	Click to discard unsaved partition changes.
Change	Click to modify selected partition properties.
+	Create a new partition.
-	Delete a partition.
Bootloader Configuration	Selects installation location.

2.5 Select Your Time Zone



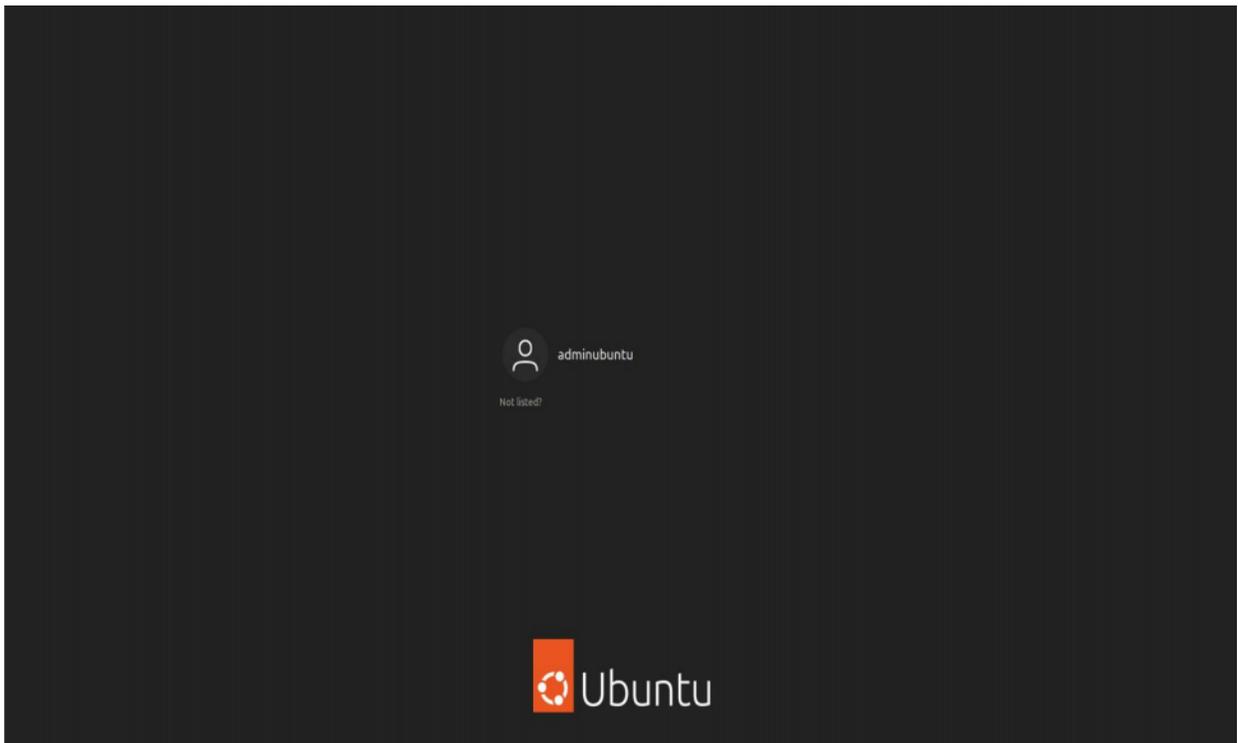
Press **Continue** to confirm.

2.6 Create Your First User

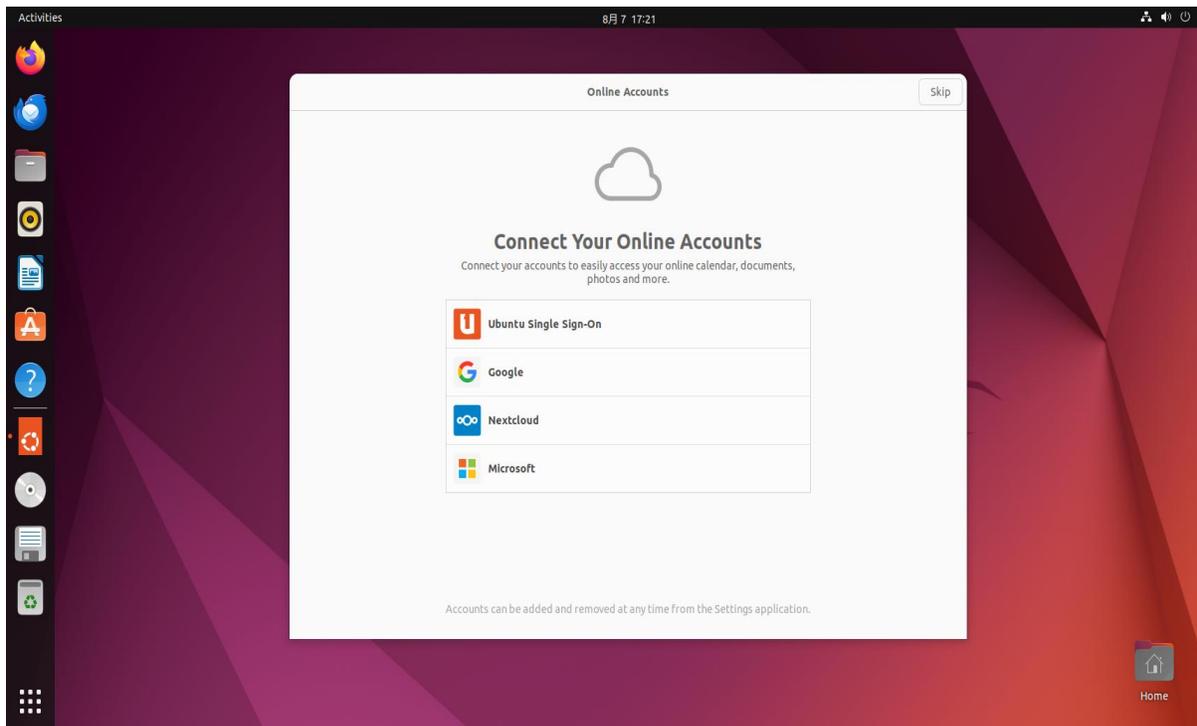


- a. Enter your display name, hostname for the device user name and password.
- b. Press **Continue** to confirm.
- c. Wait for the system configuration to finish, you will be redirected to the login screen afterwards.

2.7 First Time Logging in

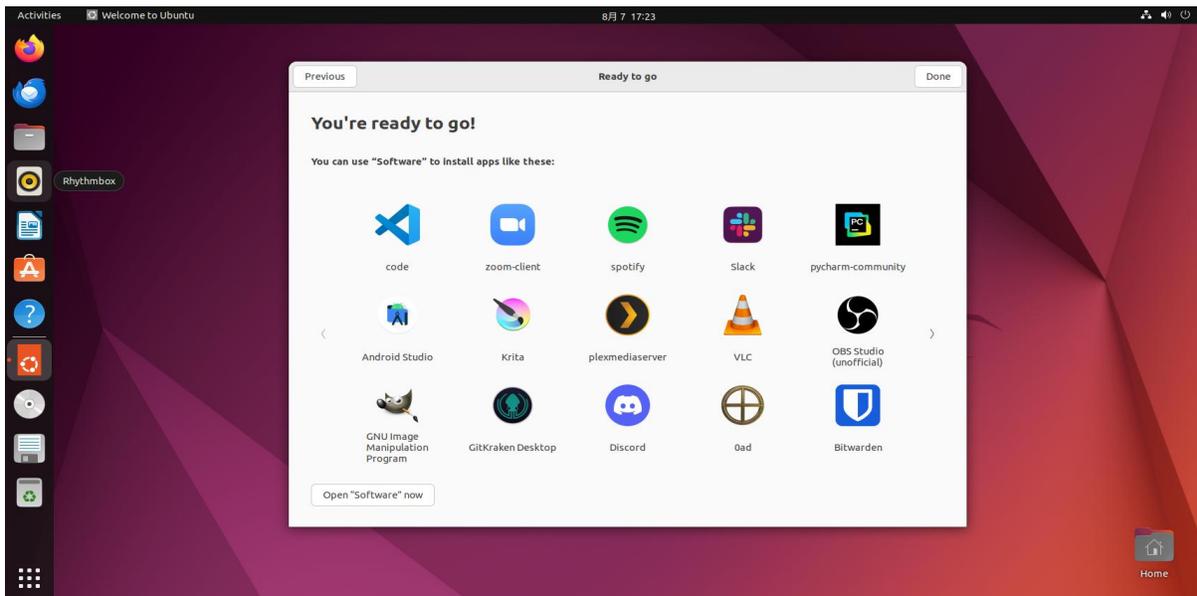


Click on the user you created earlier and login using your password.



Click on **Skip** to skip configuring accounts, as this is normally not necessary.

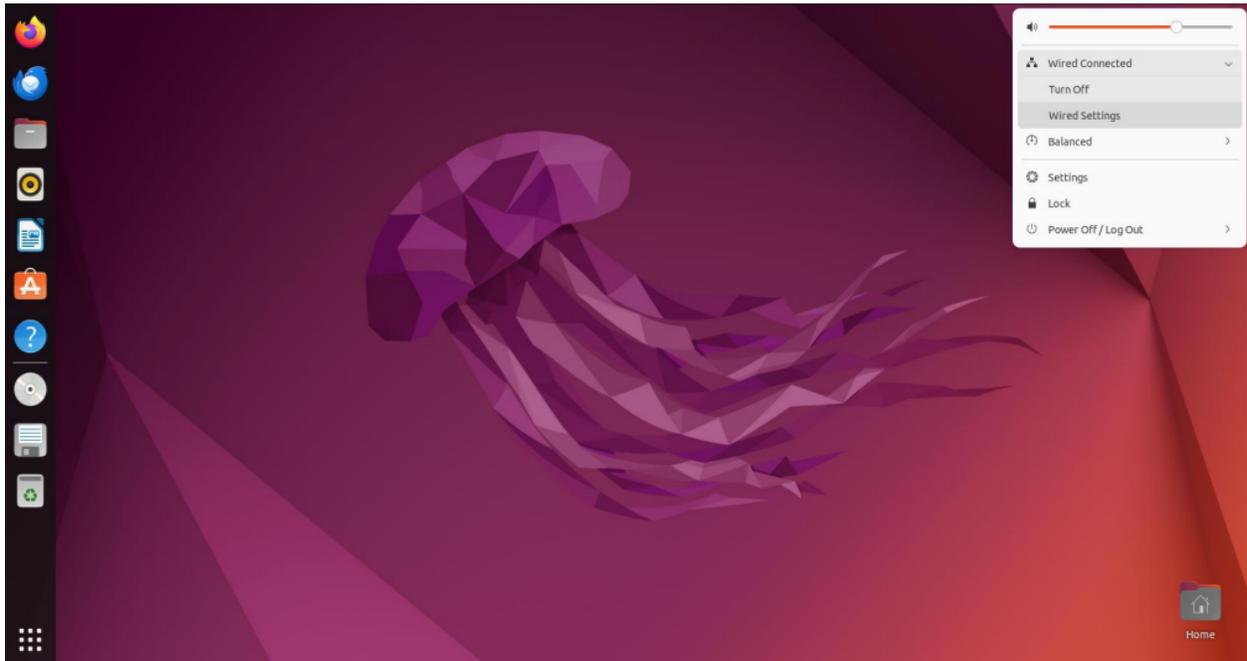
Select whether or not you wish to enable telemetry, then click on **Next**. Select whether to enable location services, then click **Next**.



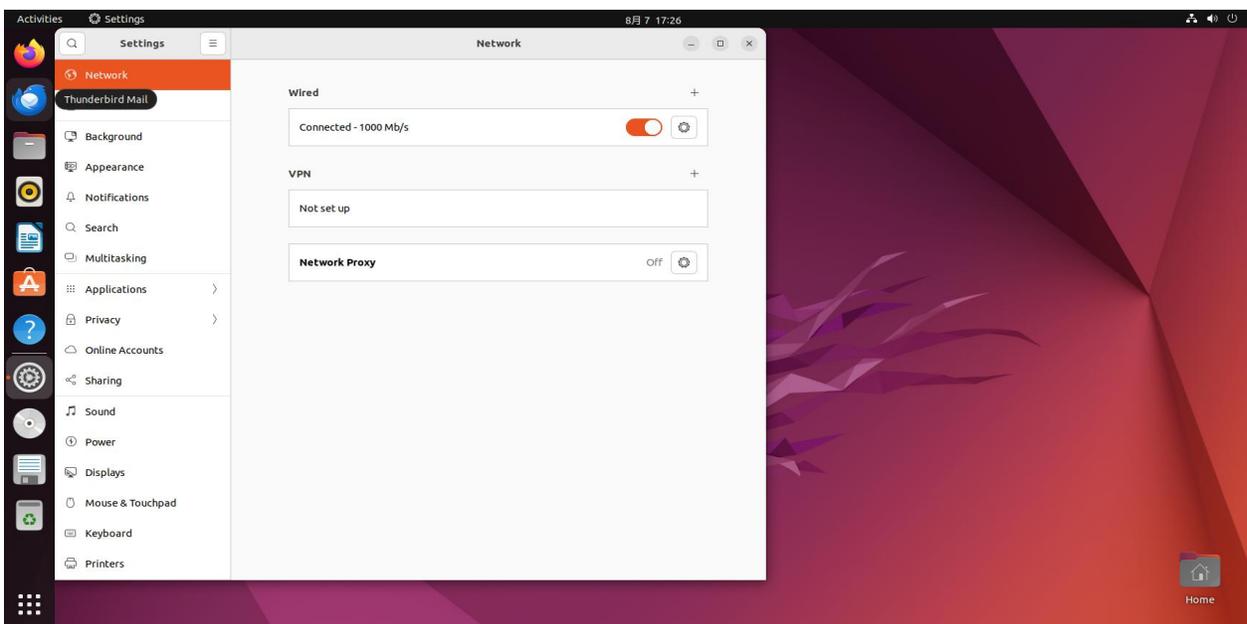
Click on **Done** to close this window.

Chapter 3. Network Configuration

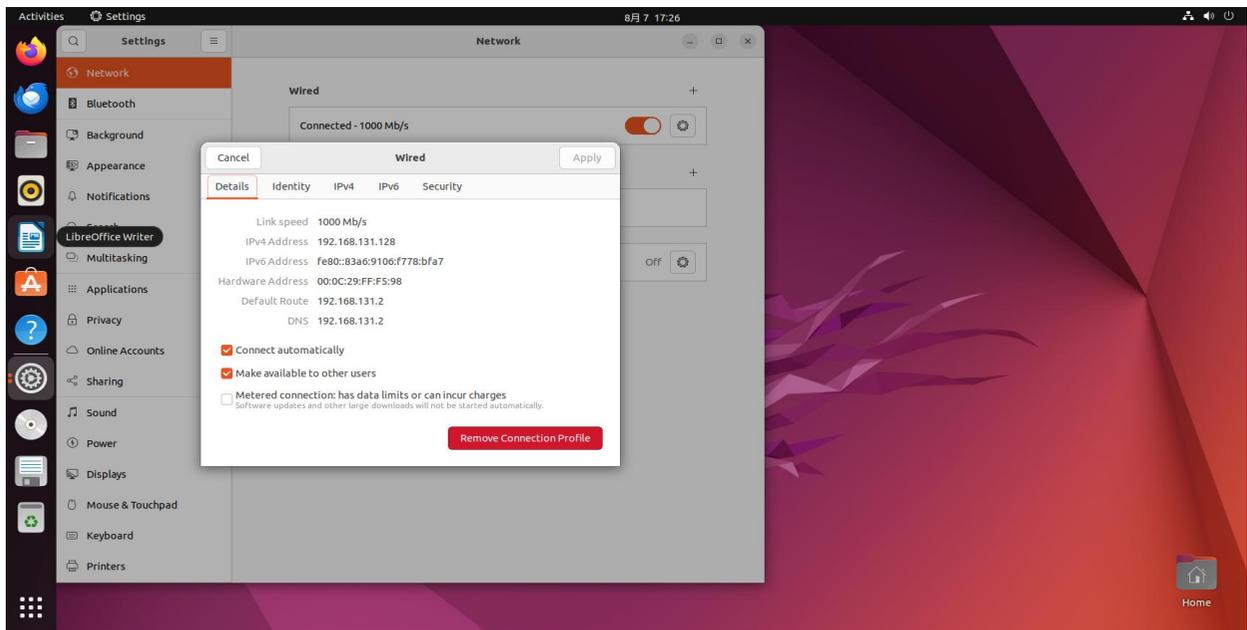
3.1 Opening the Wired Settings Menu



Click the system menu in the top-right corner of the screen, then click on the wired connection and click on **Wired Settings**.



Click on the  button next to the connection.



In the window that pops up, click on the IPv4-tab.
By default, the connection will be set to DHCP.

To manually assign a network configuration, click the Manual option.
Then enter the desired IP address, the subnet mask and gateway address.
Enter DNS servers separated by a comma.

Click on Apply to save your configuration.

Chapter 4. Storage Configuration

This device automatically initializes and partitions storage devices greater than 512GB. They are then mounted at a directory named after the serial number of the storage device.

```
/mnt/Media/SN123456789
```

If a custom storage layout is required, you may disable the configuration service using the commands below.

```
sudo systemctl disable --now auto_disk_config.service
```

```
sudo systemctl disable auto_disk_config.timer
```

