<https://www.canonical.com>

Thank you for downloading Ubuntu Server 18.04.4 for Raspberry Pi

Your download should start automatically. If it doesn't, download now <http://cdimage.ubuntu.com/releases/18.04.4/release/ubuntu-18.04.4-preinstalled-server-arm64+raspi3.img.xz> .

You can verify your download Run this command in your terminal in the directory the iso was downloaded to verify the SHA256 checksum:

```
echo "f270d4a11fcef7f85ea77bc0642d1c6db2666ae734e9dcc4cb875a31c9f0dc57 *ubuntu-18.04.4-preinstalled-server-arm64+raspi3.img.xz" | shasum -a 256 --check
```

You should get the following output:

```
ubuntu-18.04.4-preinstalled-server-arm64+raspi3.iso: OK
```

Or follow this tutorial to learn how to verify downloads .

Installation instructions

We will walk you through the steps of flashing Ubuntu Server on to your Raspberry Pi and getting logged in.

1. **What you'll need**

   - A Raspberry Pi 2, 3, or 4
   - A micro-USB power cable
   - A microSD card with the Ubuntu Server image
   - A monitor with an HDMI interface
   - An HDMI cable for the Pi 2 & 3 and a MicroHDMI cable for the Pi 4
   - A USB keyboard

2. **Flash Ubuntu onto your microSD card**

   The first thing you need to do is take a minute to copy the Ubuntu image on to a microSD card by following our tutorials, we have one for **Ubuntu machines**, **Windows machines** and **Macs**.

3. **Boot Ubuntu Server**

   1. You need to attach a monitor and keyboard to the board. You can alternatively use a serial cable.
   2. Now insert the microSD card
   3. Plug the power adaptor into the board

4. **Login to your Pi**

   When prompted to log in, use "`ubuntu`" for the username and the password. You will be asked to change this default password after you log in.

   You are now running the Ubuntu Server on your Raspberry Pi.

Things to try next

Here are a few things you can do now that you have your Raspberry Pi running Ubuntu.

Install a desktop

You can install a desktop if you like, here are some popular ones:

```
sudo apt-get install xubuntu-desktop
```

```
sudo apt-get install lubuntu-desktop
```

```
sudo apt-get install kubuntu-desktop
```

Get started with snaps

Your board is now ready to have snaps installed, it’s time to use the snap command to install your first snap.

The **Snap Store <https://snapcraft.io/store>** is where you can find the best Linux apps packaged as snaps to install on your Ubuntu device and get started with your secure IoT journey.