

13 Modern Alternatives to Linux Commands

Basic Linux Commands You Should Know

14 Command Line Tools to Check CPU Usage in Linux

13 Cool Things to Do with Linux

How to Install Ventoy on Ubuntu

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Install Ventoy on Ubuntu

Ventoy is an open-source tool to create a bootable USB drive. Compared to other tools, ventoy is feature-rich such as multi-boot support, support larger file size, support for various operating systems, can be installed in USB/local disk/SSD, directly boot from ISO file, and more.

Once Ventoy is installed on the USB, no need to reformat for new installations, just copy .iso files is enough. It provides a boot menu to select multiple files.

Ventoy supports a native boot menu for both Legacy and UEFI and supports over 160+ ISO images.

In this tutorial, we are going to show how to download and **install Ventoy** on **Ubuntu** from GUI.

Install Ventoy on Ubuntu

This installation will work on Ubuntu and other Linux Distributions.

1. Download Ventoy from [official GitHub](#) releases.
2. Extract the tar.gz file that you downloaded:

```
$ sudo tar -xf ventoy-1.0.43-linux.tar.gz
```

3. Change directory to the extracted folder:

```
$ cd ventoy-1.0.43
```

4. List files and directories with [ls](#) command:

```
boot      plugin    tool      Ventoy2Disk.sh  VentoyWeb.sh
CreatePersistentImg.sh  README    ventoy    VentoyWebDeepin.sh  WebUI
```

Ventoy files and directories

For this article, **VentoyWeb.sh** script is important for us, we are going to open Ventoy web browser UI from this script.

5. Start the **VentoyWeb.sh** script with the following command:

```
$ ./VentoyWeb.sh
```

You will see that Ventoy Server version you downloaded is up and running on address **http://127.0.0.1:24680**

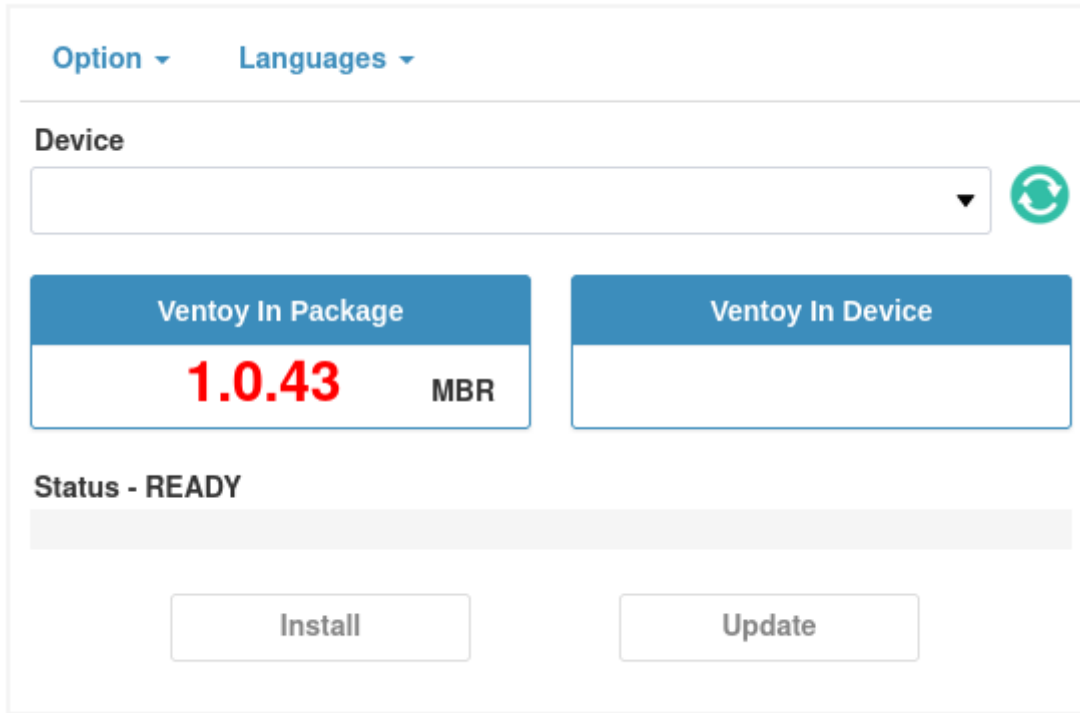
```
=====
Ventoy Server 1.0.43 is running ...
Please open your browser and visit http://127.0.0.1:24680
=====

##### Press Ctrl + C to exit #####
```

VentoyWeb.sh script status

6. Open your favorite browser and visit the address **http://127.0.0.1:24680**

Will see that Ventoy web UI is currently running:

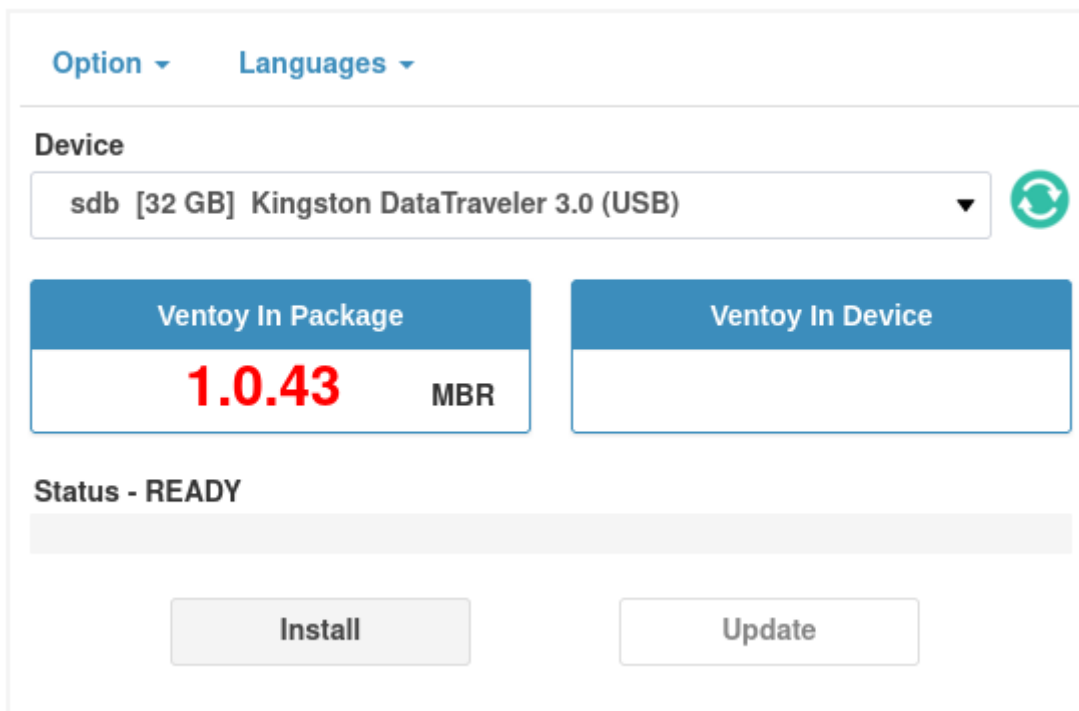


The screenshot shows the Ventoy web interface. At the top, there are two tabs: 'Option' and 'Languages'. Below them is a 'Device' section with a dropdown menu that is currently empty. To the right of the dropdown is a green circular refresh icon. Below the 'Device' section are two boxes: 'Ventoy In Package' showing '1.0.43 MBR' and 'Ventoy In Device' which is empty. Below these is a 'Status - READY' section with a progress bar. At the bottom are two buttons: 'Install' and 'Update'.

Ventoy web UI

As you can see there is no USB device that Ventoy can recognize right now.

7. Plug-in USB stick into the computer/laptop, and refresh the page.



The screenshot shows the Ventoy web interface after a USB device has been plugged in. The 'Device' dropdown menu is now populated with the text 'sdb [32 GB] Kingston DataTraveler 3.0 (USB)'. The rest of the interface, including the 'Ventoy In Package' box (1.0.43 MBR), the 'Ventoy In Device' box (empty), the 'Status - READY' section, and the 'Install' and 'Update' buttons, remains the same.

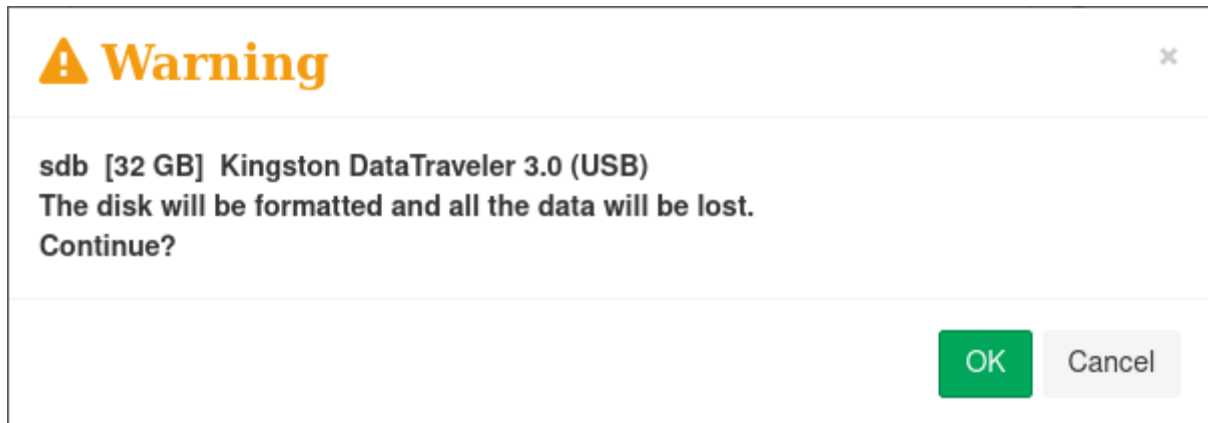
Ventoy web UI usb

Ventoy web UI now recognizes that you plugged in a USB device, and we are ready to install it.

Please make sure there is nothing important in the drive! It may be you will lose all data on the drive during Ventoy installation.

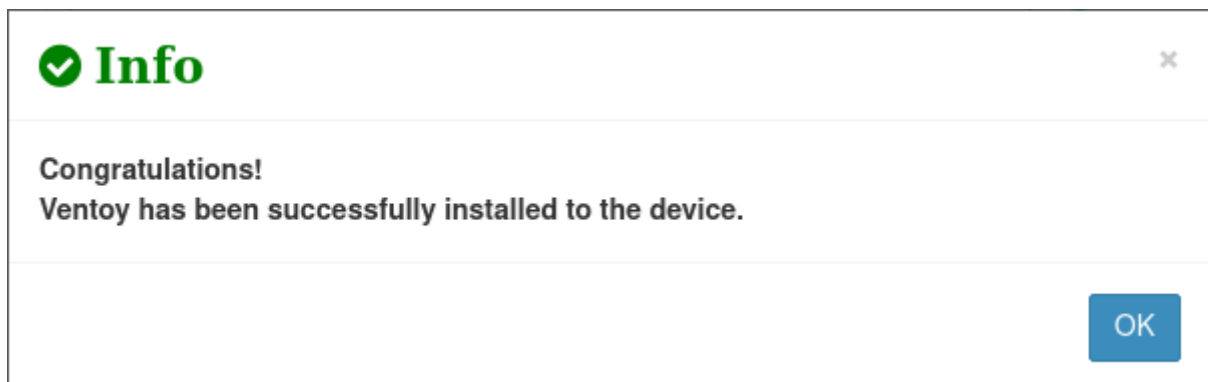
8. Click on **Install button.**

Ventoy will give a warning message that disk will be formatted and all data on disk will be lost.



Ventoy disk confirmation

It will ask you 2 times to confirm the step, just click **ok**.



Ventoy success message

That's it, Ventoy has been successfully installed to the USB device.

9. [List USB drive](#) and partitions with fdisk command.

```
$ sudo fdisk -l /dev/sdb
```

After successful installation Ventoy will create two disk partitions and will be divided them into two partitions:

- **/dev/sdb1** - This presents the main partition, which needs to hold ISO image files for the OS and it's [formatted with the exFAT](#) format.
- **/dev/sdb2** - This partition size of 32MB holds Ventoy bootloader files.

```
Disk /dev/sdb: 119.51 GiB, 128320801792 bytes, 250626566 sectors
Disk model: Flash Drive
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0x55a086ad

Device      Boot      Start      End  Sectors  Size Id Type
/dev/sdb1   *          2048 250561023 250558976 119.5G  7 HPFS/NTFS/exFAT
/dev/sdb2                250561024 250626559      65536    32M  ef EFI (FAT-12/16/32)
```

USB disk partition

After verifying that everything goes well. You are ready [to copy ISO images to the USB](#) drive and enjoy using Ventoy's capabilities and features.

Conclusion

In this tutorial, we learned how to download and install Ventoy on Ubuntu from GUI. Ventoy also supports multiboot USB, you can simply copy multiple ISO images to the mount point.

Which is your favorite tool to create a bootable USB? Thanks for reading, please leave your suggestions and feedback in the below comment section.

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