

How to Install VirtualBox on Ubuntu 22.04

Published May 23, 2023 in [Tutorials](#), [Linux](#)



In this article

- Understanding VirtualBox
- Install VirtualBox on Ubuntu 22.04

In this guide, we will delve into the steps required to install VirtualBox on Ubuntu 22.04, a popular choice for running multiple operating systems on a single machine.

Understanding VirtualBox

[Oracle VM VirtualBox](#), a free software virtualization tool, empowers you to create and manage multiple virtual machines. It's an ideal solution for Linux users interested in running different operating systems without the need for additional physical resources. A significant advantage of VirtualBox is its ability to effortlessly switch between operating systems without rebooting your device, which can contribute to considerable hardware cost savings.

Install VirtualBox on Ubuntu 22.04

1. Update your system's package cache. This command refreshes the list of available packages and their versions from the repositories configured on your system:

```
sudo apt update
```

2. Import VirtualBox package repositories keys. These commands download Oracle’s public keys and add them to your system’s list of trusted keys. These keys are used to verify the integrity of the packages you download from Oracle’s repositories:

```
$ curl https://www.virtualbox.org/download/oracle_vbox_2016.asc | gpg --dearmor > oracle_vbox_2016.gpg
$ curl https://www.virtualbox.org/download/oracle_vbox.asc | gpg --dearmor > oracle_vbox.gpg
```

GPU AI/ML today! NVIDIA A100s & H100s for € 2.06/h

Tools

Content Hub

Under attack?

Report abuse

Talk to an expert

EN

Products

Solutions

Pricing

Partnership

Company

Sign in

Get started for free

```
echo "deb [arch=amd64] http://download.virtualbox.org/virtualbox/debian $(lsb_release -sc) contrib" | sudo tee /etc/apt/sources.list.d/virtualbox.list
```

4. Install VirtualBox and its required dependencies with these commands:

```
sudo apt update
sudo apt install -y linux-headers-$(uname -r) dkms
sudo apt install virtualbox-7.0 -y
```

5. (Optional) For enhanced functionality such as USB 2.0 and 3.0 support, PXE boot for Intel network cards, disk encryption, and VirtualBox Remote Desktop Protocol (RDP), consider installing the VirtualBox Extension Pack. Here’s how you can download and install it:

```
wget https://download.virtualbox.org/virtualbox/7.0.0/Oracle_VM_VirtualBox_Extension_Pack-7.0.0.vbox-extpack
sudo VBoxManage extpack install Oracle_VM_VirtualBox_Extension_Pack-7.0.0.vbox-extpack
```

Note: Replace “7.0” with the latest version of VirtualBox when you’re installing it.

Once the installation is complete, you’re all set to explore the versatility of VirtualBox on Ubuntu 22.04.

Related product

Try Gcore Edge & Cloud Platform

- AI Cloud Infrastructure
- Cloud Computing
- Platform as a Service
- 5G eSIM Platform
- Edge Network
- Video Streaming
- Security
- Hosting

Get started

Explore

Share   

Subscribe and discover the newest updates, news, and features

We value your inbox and are committed to preventing spam

Insert your email address

protected by reCAPTCHA
Privacy - Terms

Submit



We provide powerful solutions that will help your business grow globally. Try our superior performance for free.

Convenient cloud services with low latency around the world proven by the largest online businesses.







Products

CDN

DNS

Hosting

Streaming Platform

Storage

DDoS Protection

Cloud

IT Infrastructure Management

Company

About

Affiliate Program

Referral Program

Case Studies

Careers

Blog

Learning

Press

Legal Information

#SupportUkraine

Resources

Status Page

API Documentation

Knowledge Base

Looking Glass

Developer Tools

Products Roadmap

Help Center

Contact

support@gcore.com

info@gcore.com






Report abuse






Sales

+ 352 208 80 507

sales@gcore.com

Follow us on social media





Subscribe and discover the newest updates, news, and features

We value your inbox and are committed to preventing spam

Insert your email address


protected by reCAPTCHA


Privacy - Terms


Submit


By clicking the button you give us an informed, specific and unambiguous consent to process your personal data in accordance with our [Privacy policy](#).


This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.

 mastercard

 PayPal

 VISA

 MasterCard SecureCode.

 Verified by VISA

G-Core Labs S.A. © 2015–2023 All rights reserved. Principal place of business and postal address: 2-4, Rue Edmond Reuter, L-5326 Contern, Luxembourg

https://gcore.com/learning/how-to-install-virtualbox-on-ubuntu/

3/3