

Create a virtual machine on a USB drive with VirtualBox.

TipsMake will share a guide on creating virtual machines on a USB drive using VirtualBox in the following article, so you can use VirtualBox to create virtual machines effectively, allowing you to create virtual machines that run smoothly on your operating system.

VirtualBox is a software widely used in the process of installing virtual machines on computers. If in the previous article you learned how to **create a virtual machine on a physical machine using VirtualBox**, in this article we will learn how to create a virtual machine on a USB drive with VirtualBox.



Create a virtual machine on a USB drive with VirtualBox.

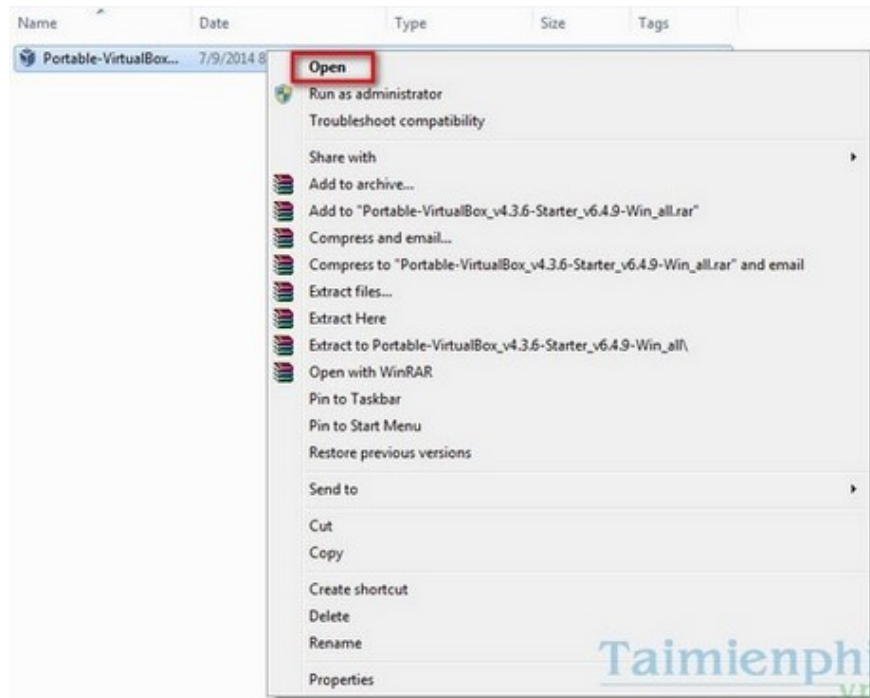
Guide to creating a virtual machine on a USB drive with VirtualBox

Prepare:

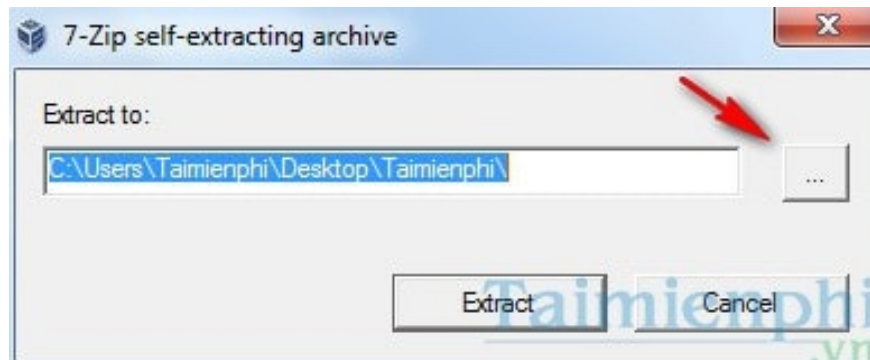
- Download VirtualBox software to your computer
- A USB drive with a capacity of more than 4GB

Step 1 : Download the latest version of **VirtualBox**

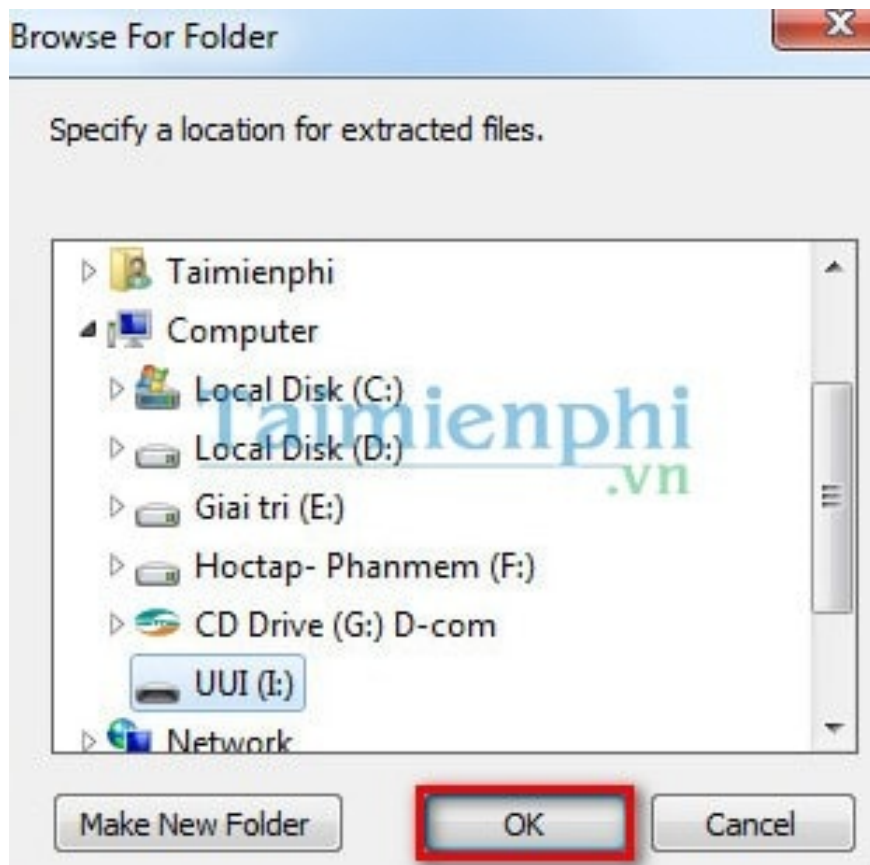
Step 2 : Open the program you just downloaded.



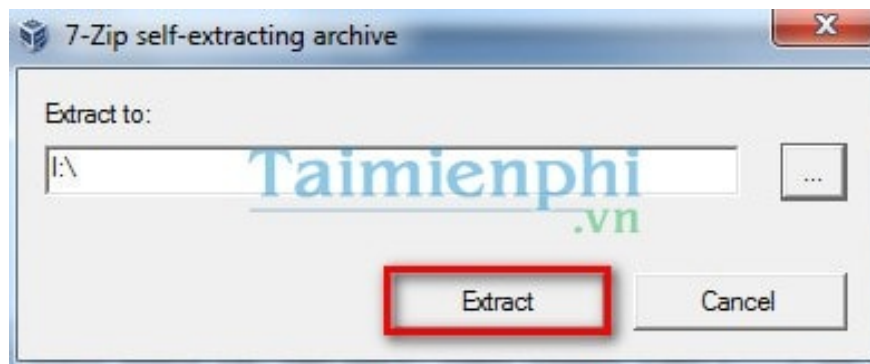
Step 3 : A new window will appear. Here, click on (.) to select the USB drive where you want to install the virtual machine.



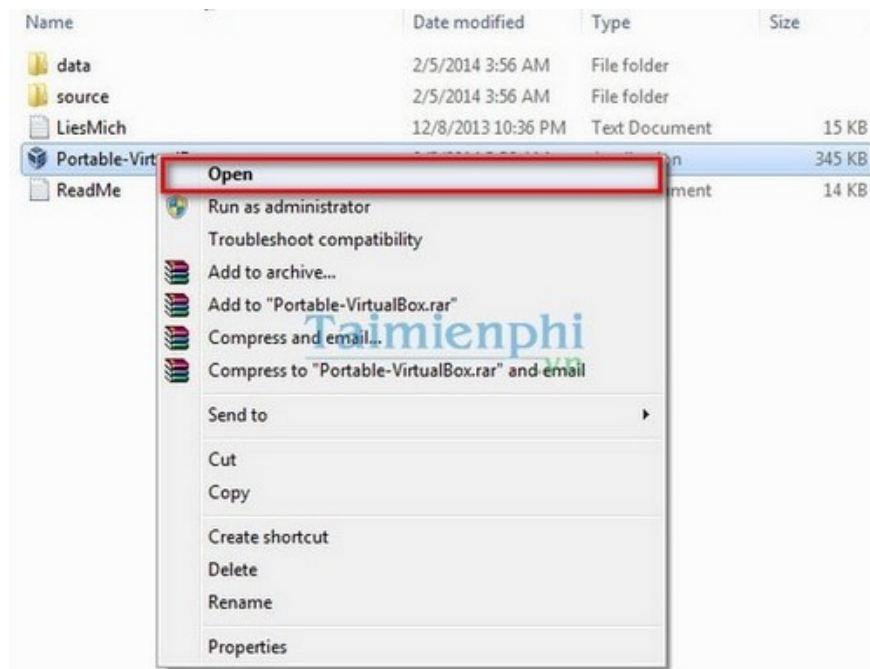
Select USB and then press **OK**.



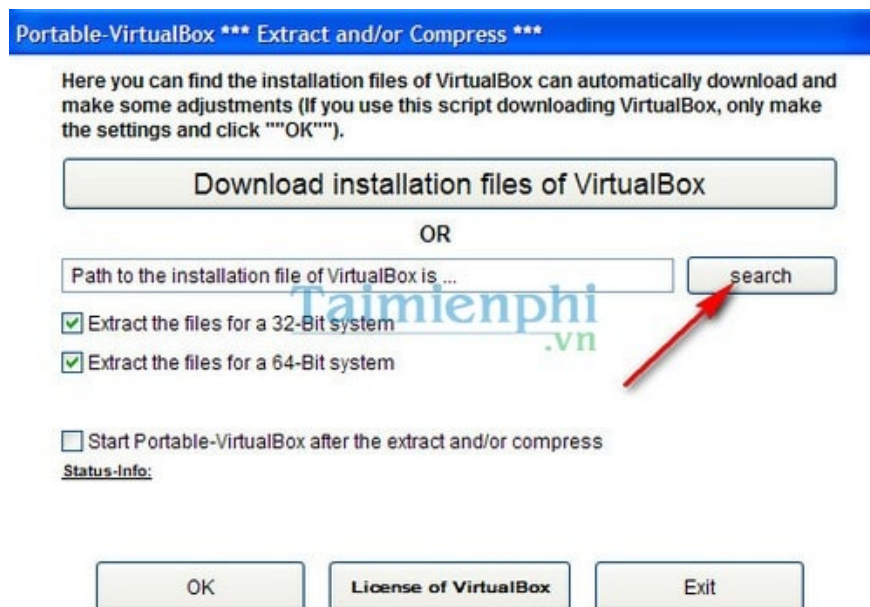
Press **Extract** after selecting the USB drive.



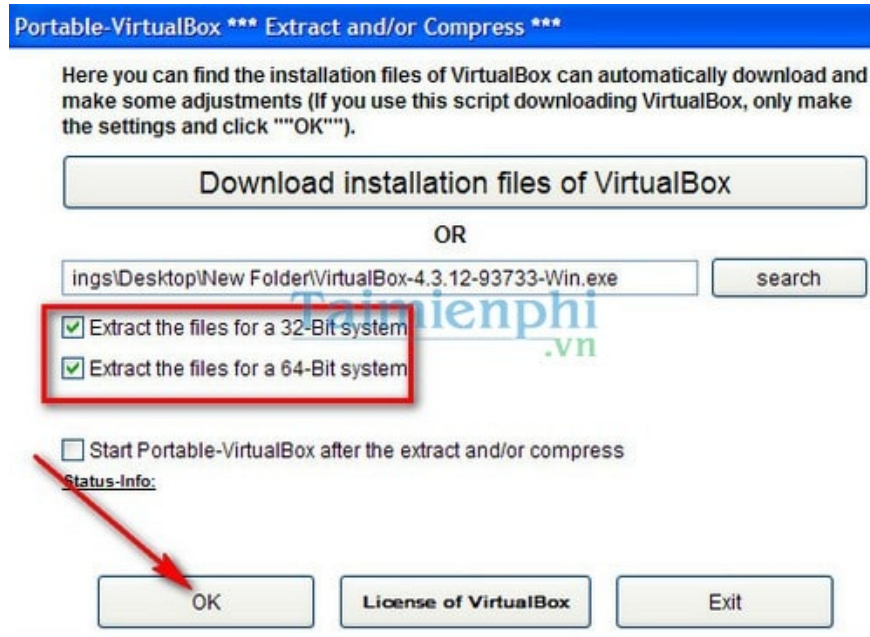
Step 4 : Wait a moment for the process to complete, then go to your USB drive and run the **Portable-VirtualBox file**.



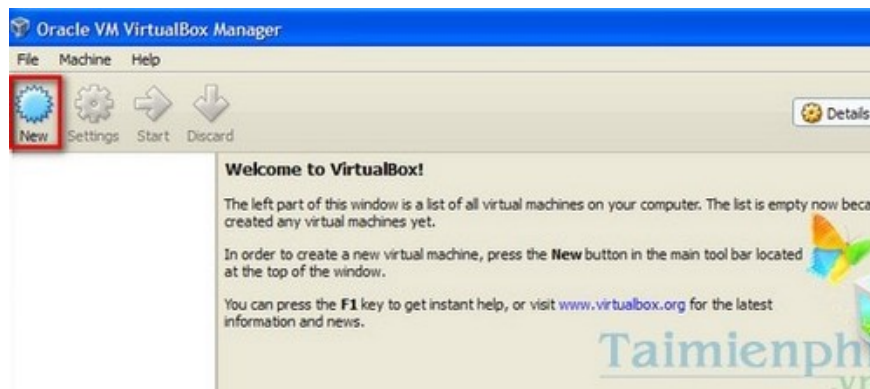
Step 5 : Next, a new window will appear. Here, select **search** to locate the Virtual *.exe file on your computer, or click **Download Installation files of VirtualBox** if you don't have it.



Check the box for "**Extract the files for a 32-bit system**" or "**Extract the files for a 64-bit system**" depending on whether you want to use a 32-bit or 64-bit system, then click **OK**.



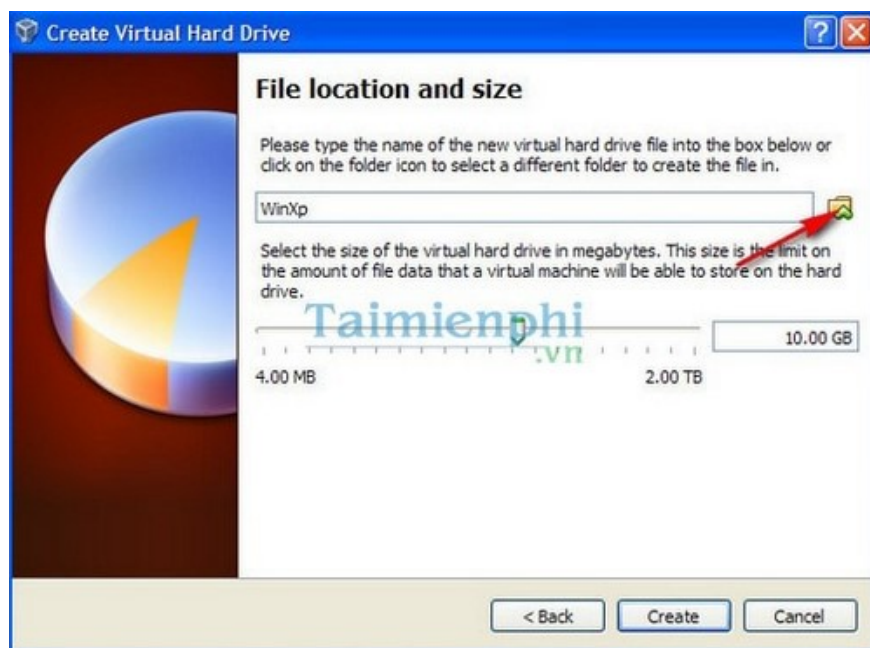
Step 6 : Wait a moment for the exe file extraction process to complete on the USB drive. Run the Portable-VirtualBox file on the USB drive, then click **New** to create a virtual machine on the new USB drive.



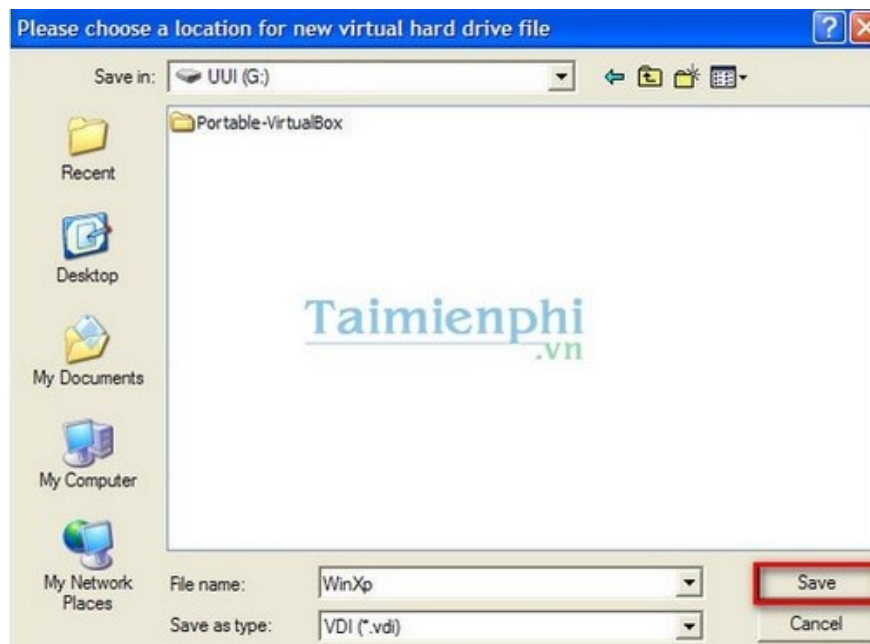
Press **Next**



You set the normal options, but when you reach this window, stop clicking on the option as shown below.



Go to your USB drive and select **Save**.



Now, install Windows on Virtual Machine as usual. Once the installation is complete, you will have a virtual machine on your USB drive. You can boot and run it normally.



So now you know how to create a virtual machine on a USB drive using VirtualBox software. Now you can run the operating system on any computer. With these simple steps, you have a fully functional portable operating system, just like a normal operating system.

You finished reading the article "**Create a virtual machine on a USB drive with VirtualBox.**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.