

# VirtualMachine Installation Guide

By Dinal Patel & Emmy Ea



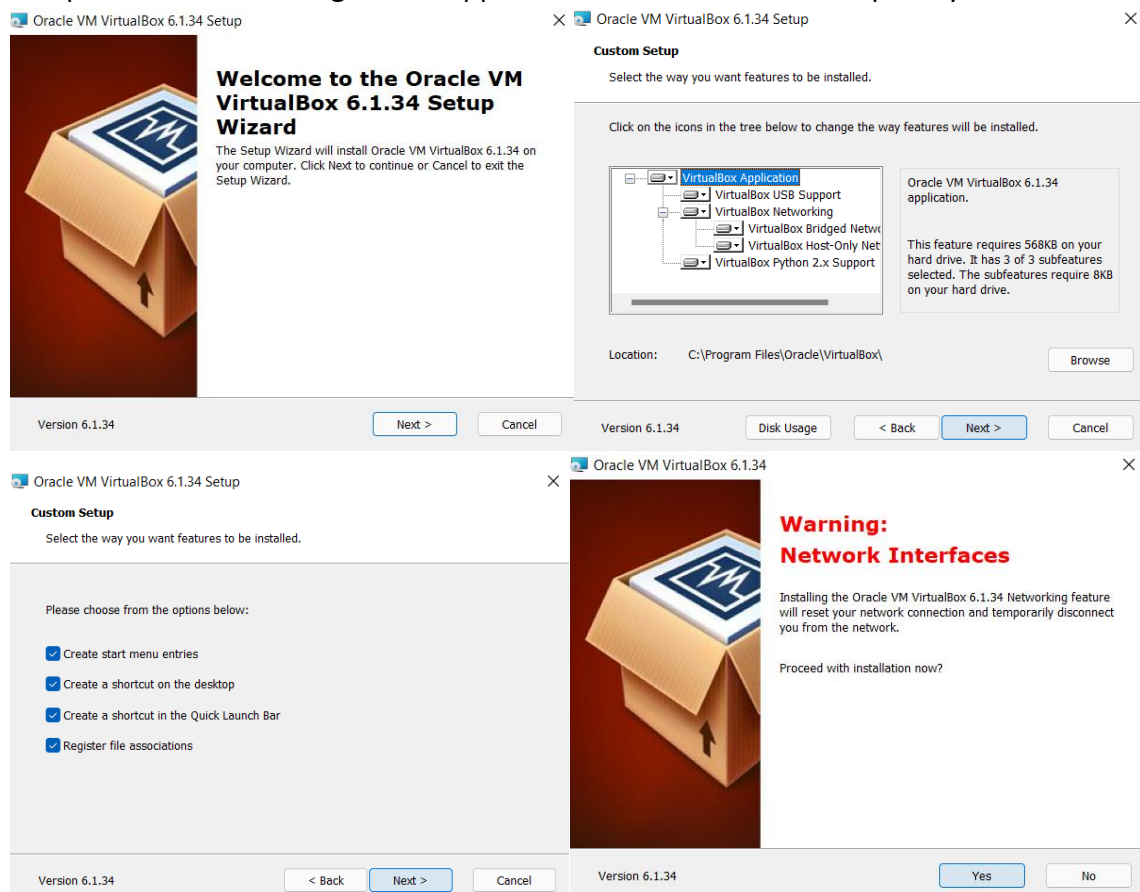
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1. Download Oracle Virtual Machine from <https://www.virtualbox.org/wiki/Downloads>. Select the appropriate platform that conforms to your current system to install.

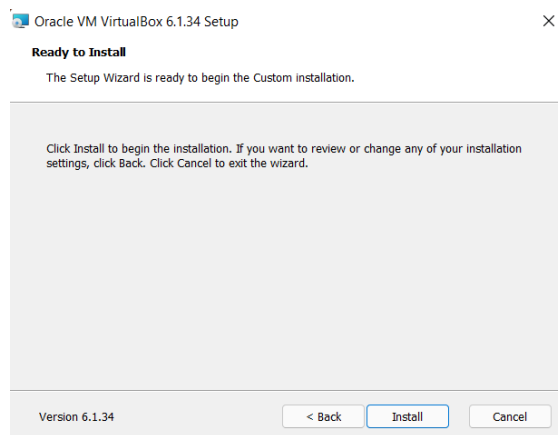
## VirtualBox 6.1.34 platform packages

- [Windows hosts](#)
- [OS X hosts](#)
- [Linux distributions](#)
- [Solaris hosts](#)
- [Solaris 11 IPS hosts](#)

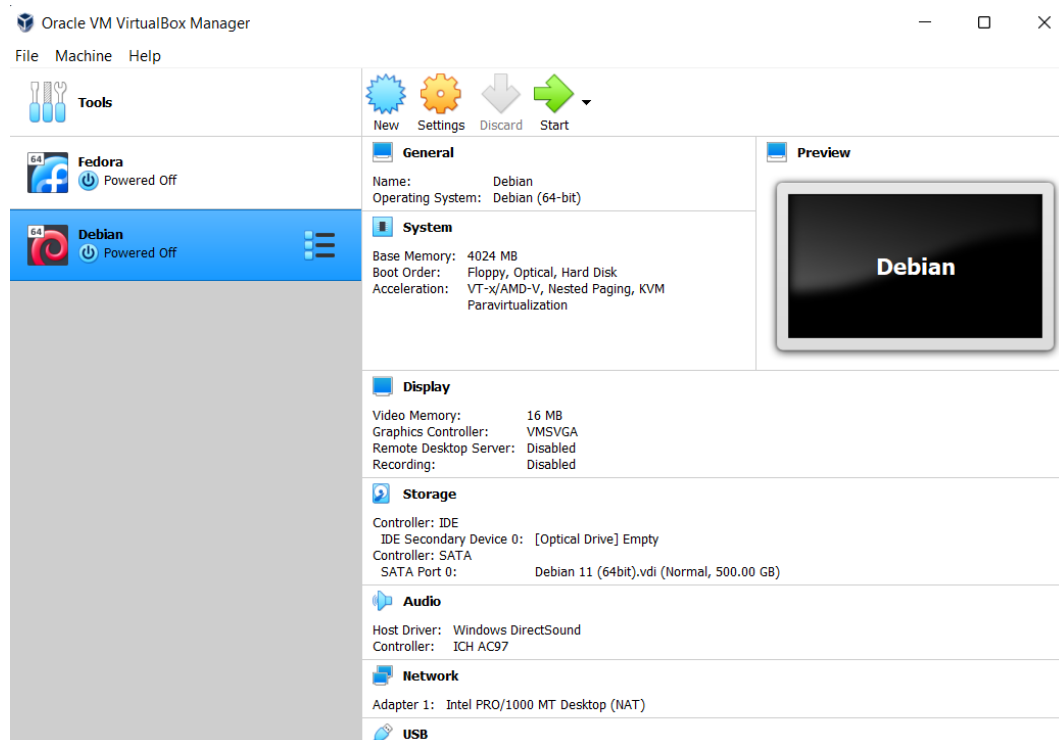
Once downloaded, open the exe file to start the installation of Oracle VM VirtualBox. Press next. On the custom setup page make sure you are installing in your preferred location and press next. On the continued custom setup choose your options for shortcuts and press next. A warning should appear make sure to read it and press yes.



You should now be at the installation page. Install and complete your installation of Oracle VM VirtualBox.



Once completed, your virtual machine should look like this. With an empty left column except for Tools.

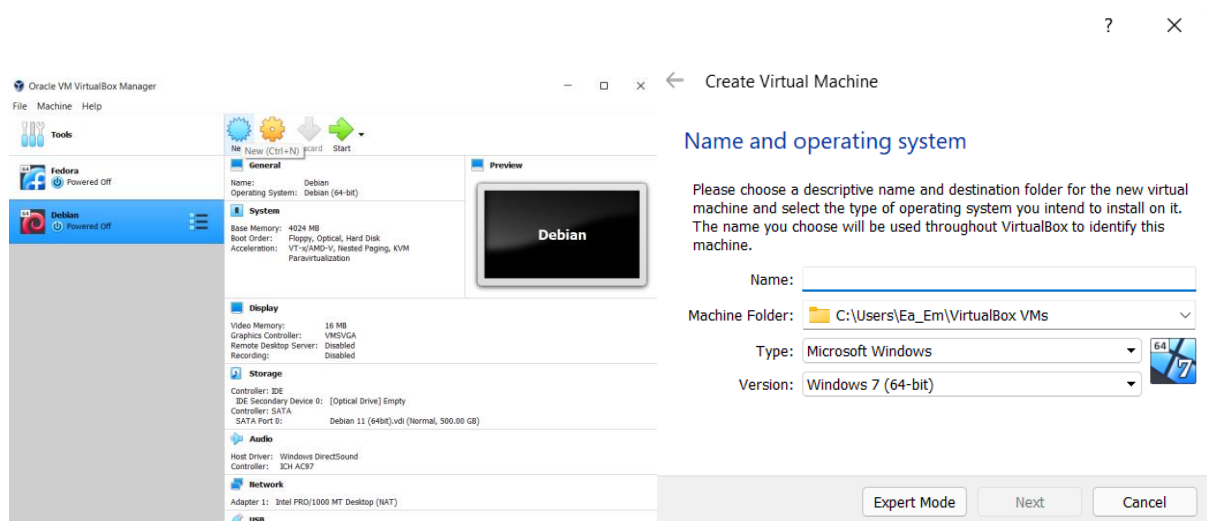


2. Download Debian live Cinnamon Iso from <https://cdimage.debian.org/debian-cd/current-live/amd64/iso-hybrid/?msclkid=bdaccd36c26111ec895c297ee1cfac73>

This is a large file and might take a while depending on your internet/wifi speed. An hour is normal if your speed is slow.

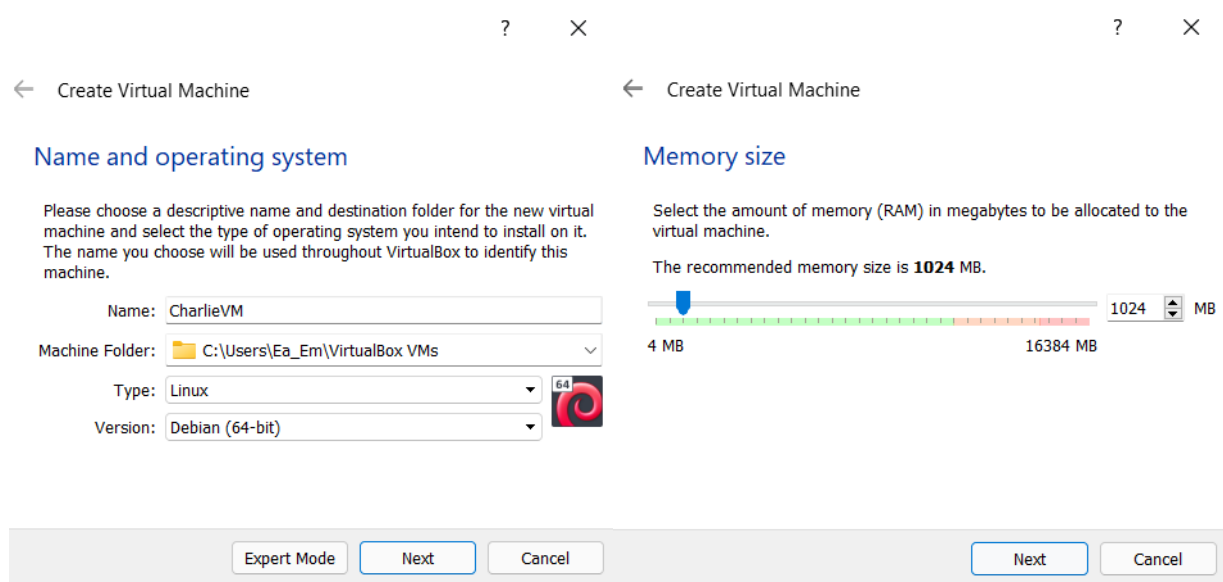
 debian-live-11.3.0-amd64-cinnamon	4/22/2022 5:13 PM	Disc Image File	2,836,896 ...
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To create a new VM select new. Once you select new you will be directed to the Name and operating system.

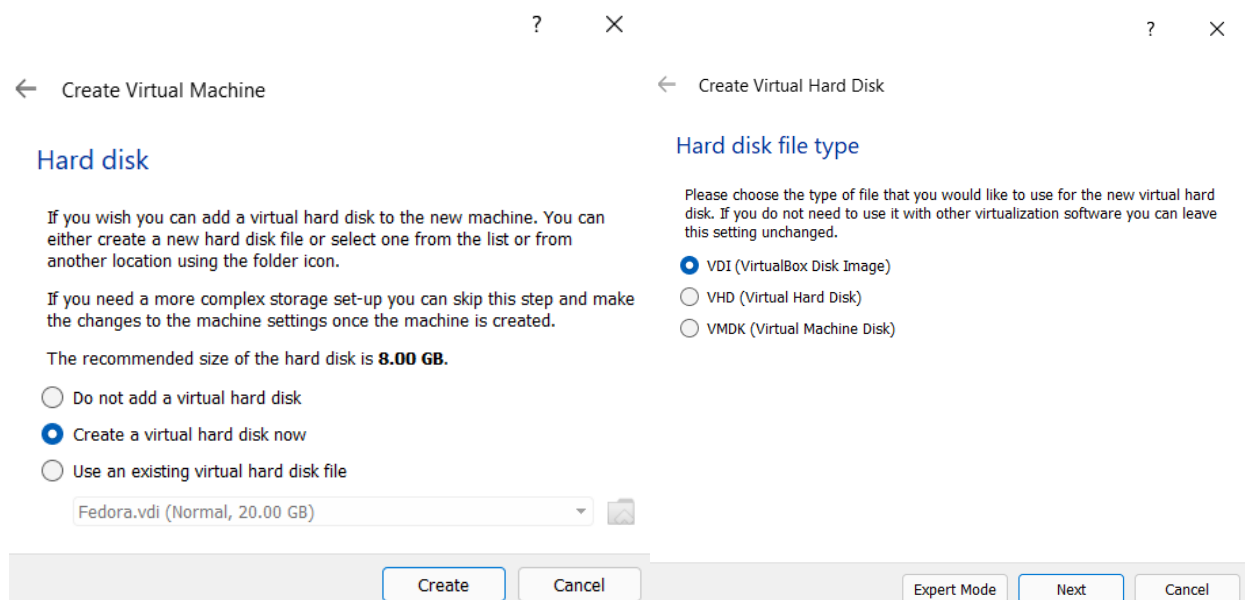


Name your virtual machine. Set type to Linux and Version to Debian(64-bit) for our specific Music Production VM.

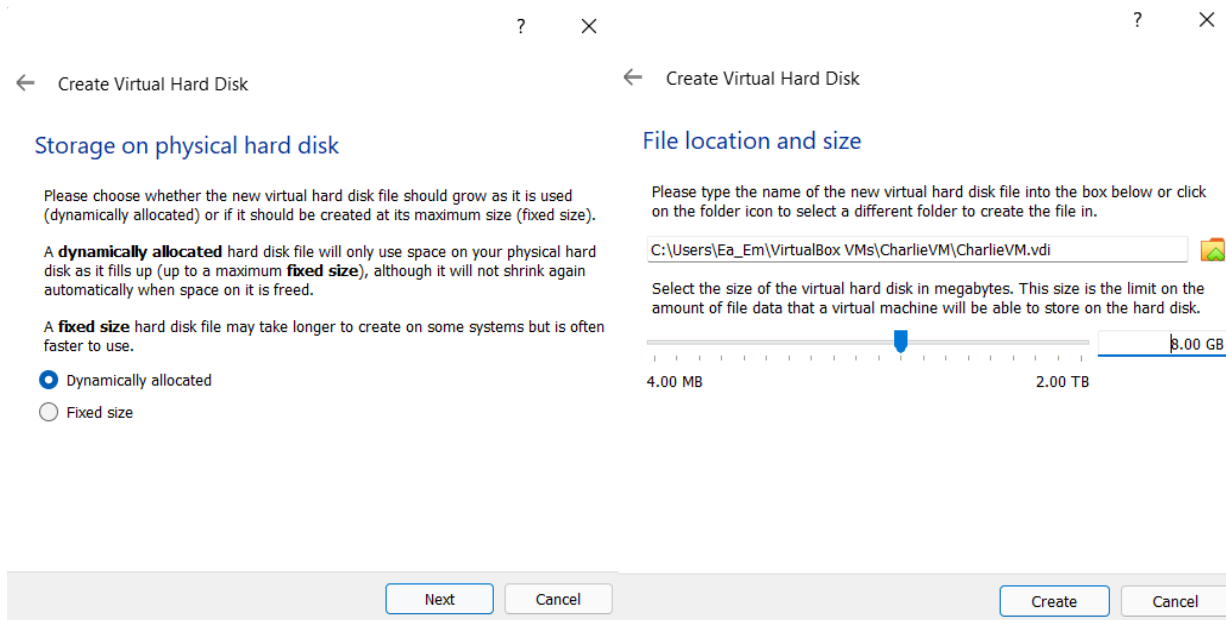
After pressing next. Allocate memory to your virtual machine. The lower the memory size, the slower your virtual machine will operate. But a higher memory size can also slow down your main device. We recommend using maximum half of your RAM. You can verify the RAM of your current system by searching for your system information in your search bar(Windows users).



Press next. Select Create a virtual hard disk now. Press Create. On the next page, select VDI for the ISO we downloaded before.

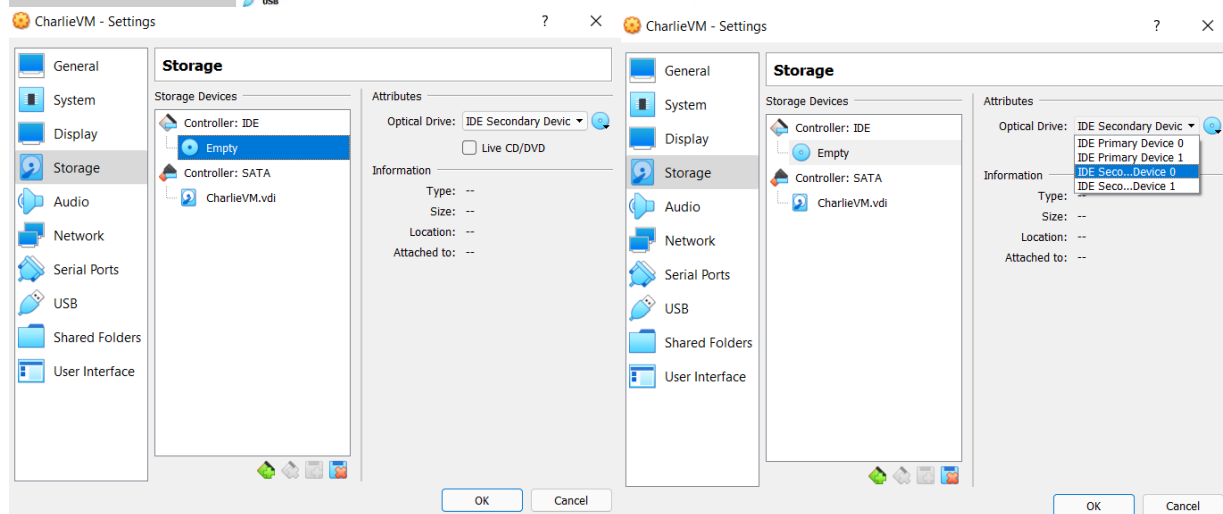
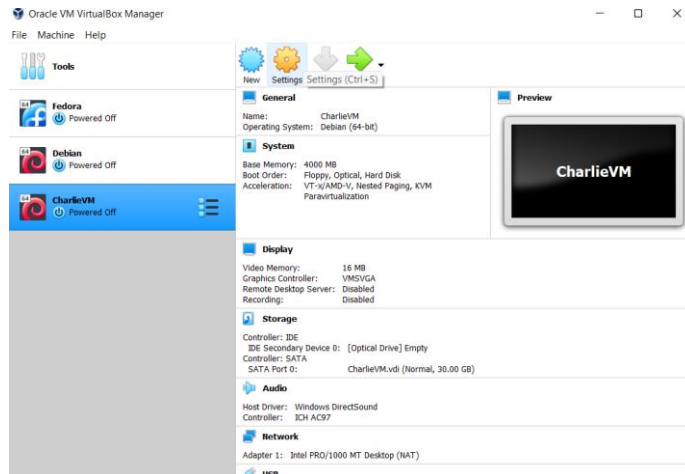


Press next again and select Dynamically Allocated so the storage size will grow as needed. Press next and now you will be asked to select the size of the virtual machine. Ideally 16GB should be the minimum but for our Music Production VM will recommend 30GB due to the large amount of applications needed.

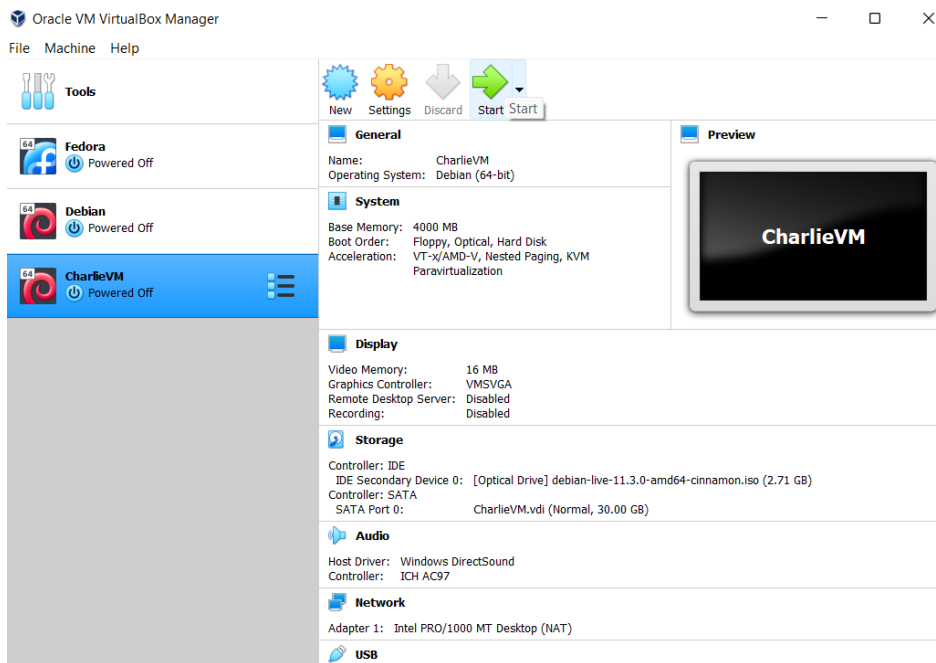
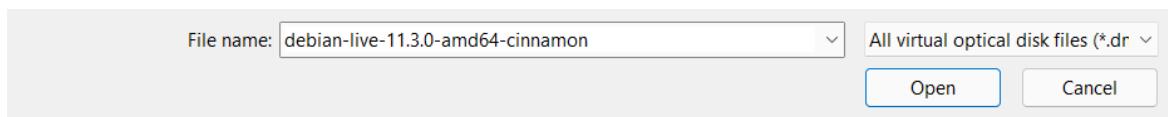
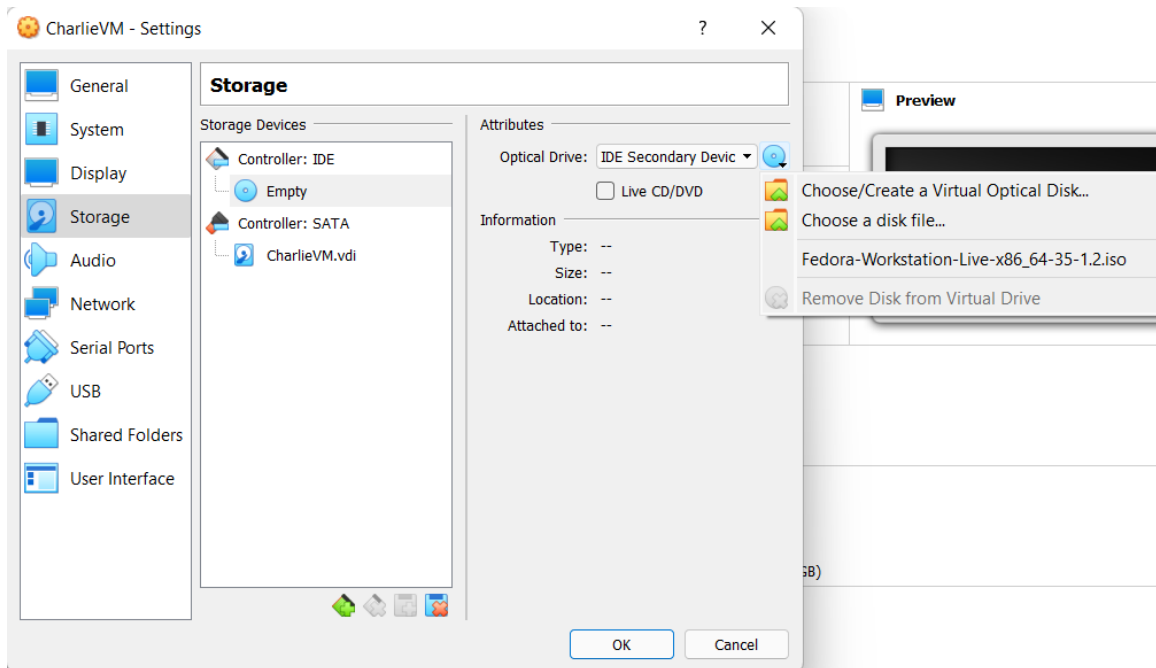


Once the virtual machine is created, we can now insert the iso file using these steps.

Go to settings, under settings select storage. Click on empty under Controller: IDE. On your right should be an Attribute box containing Optical Drive. Press the numeric arrow and make sure it is under IDE secondary device 0.



Finally, click on the disk icon. Select choose a disk file and pick the iso file we downloaded previously. Press okay and go back to the main virtual machine page.



You can now start your VM!