

CCDC VM Setup

Disclosure:

This VM will take up as much space as you would like it to. However, it is highly recommended to use at least the default space requirement as it can cause installation problems and/or misconfiguration if not enough space is allocated for it.

Brief overview of what a Virtual Machine is:

<https://www.vmware.com/content/vmware/vmware-published-sites/us/topics/glossary/content/virtual-machine.html.html>

Configuration:

1. Install Oracle VirtualBox (If you already have a VM application such as VMWare, you can use that):

<https://www.virtualbox.org/wiki/Downloads>

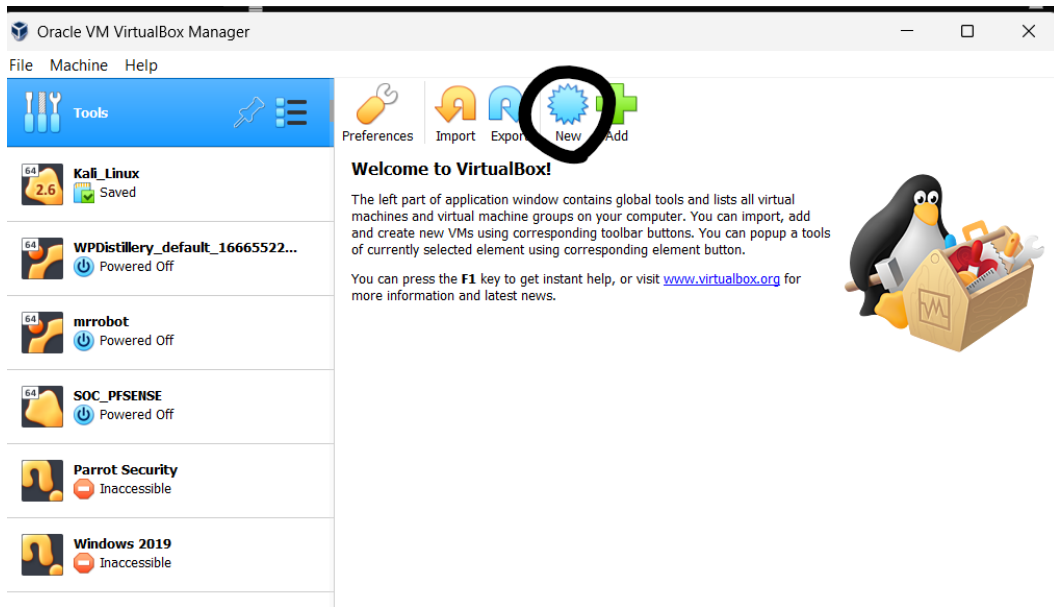
2. Download the Windows 2007 Home Premium ISO file:

<https://www.techworm.net/2022/01/download-windows-7-iso-ultimate-professional-edition.html>

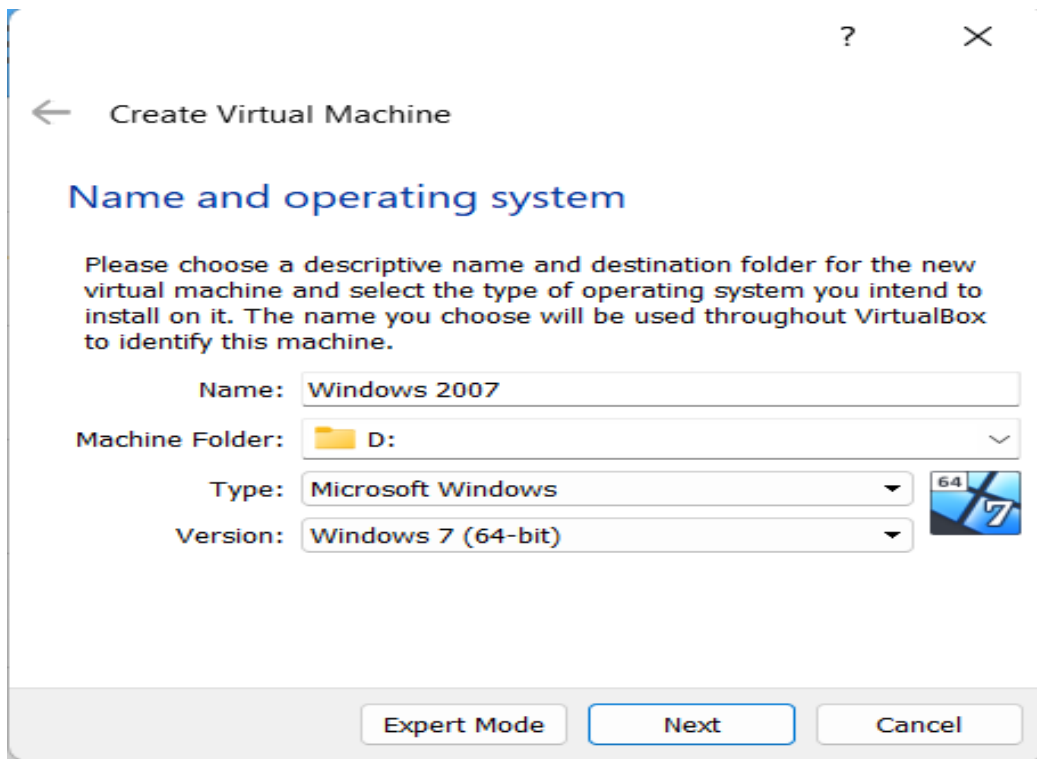
| | | |
|------------------------|----------------------------|--------|
| Windows Version | Windows 7 Home Premium ISO | |
| Size | 5.7 GB / 3.8 GB | |
| Service Pack | SP1 | |
| Version | 32-Bit | 64-Bit |

3. Open VirtualBox and click the “Tools” → “New”

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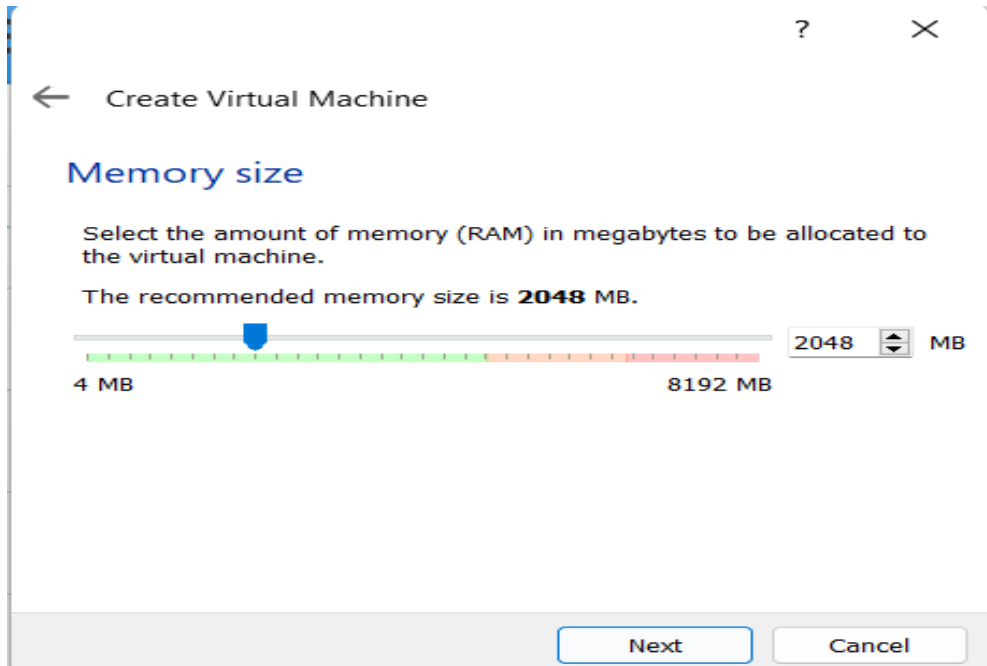


4. Add a name for the VM you want to create, a file location that will store the VM data (if you are not using an external drive, use the default location), and select “Windows 7 (64-bit)” from the drop-down menu

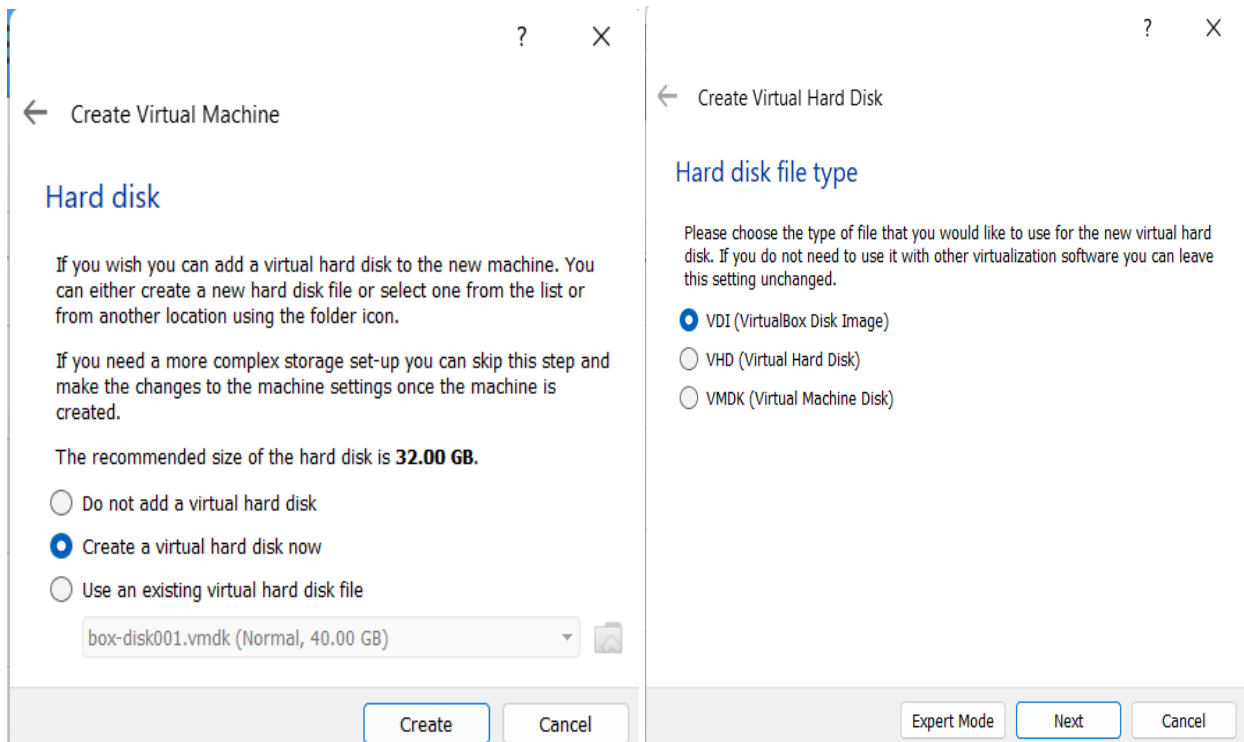


5. Set a memory size. This will be the amount of RAM usage the VM takes up when running it (If you are unsure how much to use, use the recommended amount or slightly larger).

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6. If you have never set up a Windows 2007 VM before, create a hard disk with the recommended size and format (you can change the size in the next step).



7. Choose if you want the hard disk to be dynamically allocated or a fixed size. I recommend using a fixed size so you are not unknowingly using up all of your hard drive space on your actual computer. This is where you'll change the amount of space you want to allocate for the VM.

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← Create Virtual Hard Disk

Storage on physical hard disk

Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).

A **dynamically allocated** hard disk file will only use space on your physical hard disk as it fills up (up to a maximum **fixed size**), although it will not shrink again automatically when space on it is freed.

A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

☐ Dynamically allocated

☒ Fixed size


Next Cancel

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← Create Virtual Hard Disk

File location and size

Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.

D: 

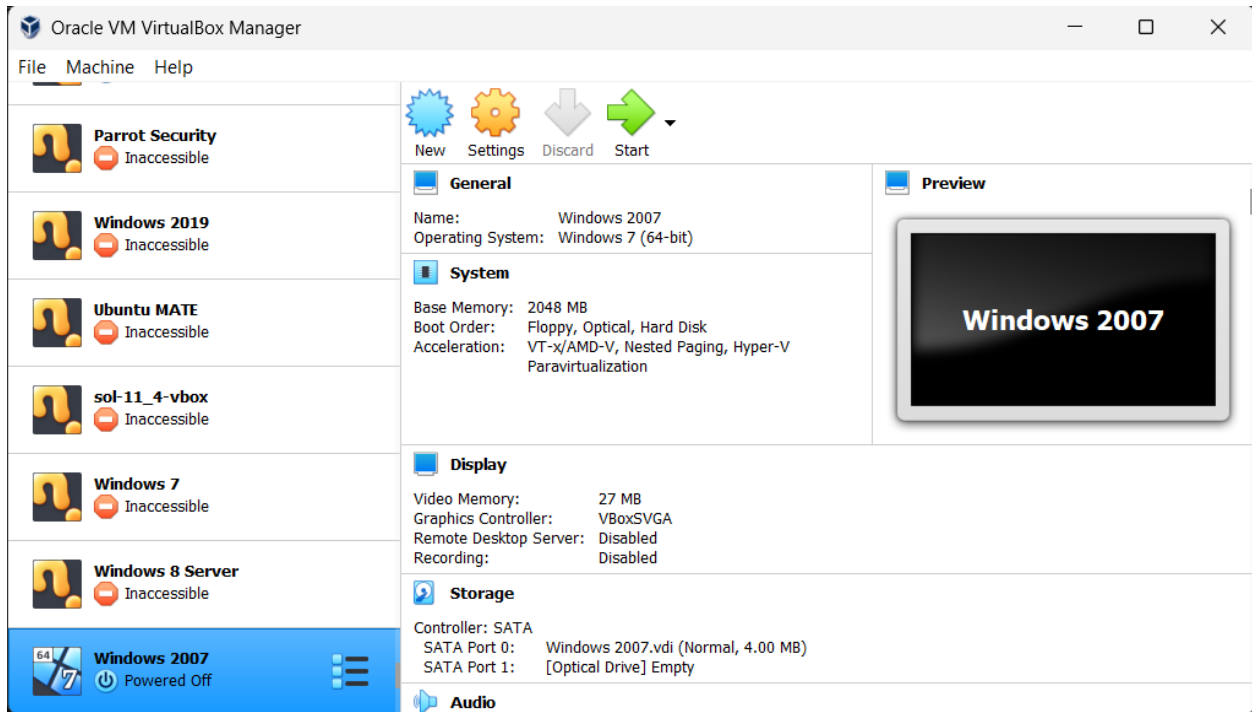
Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.

 32.00 GB

Create Cancel

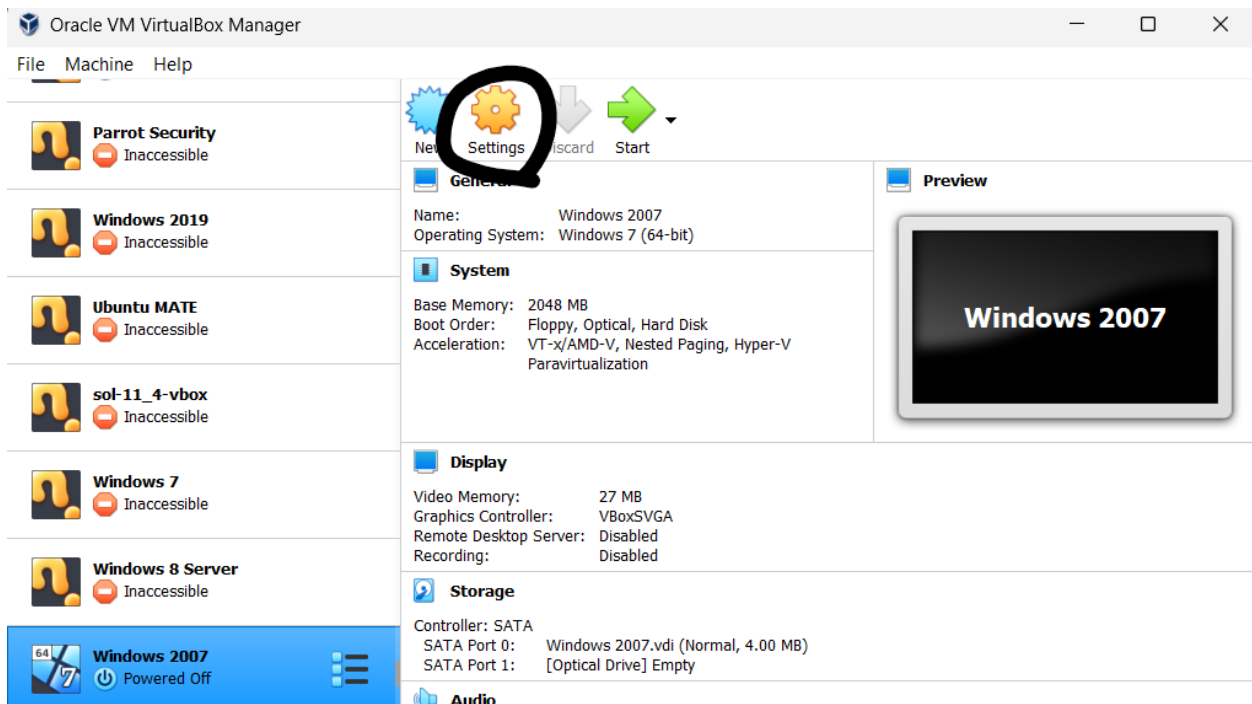
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- Press create and wait for the configuration to finish. You should see the VM on the home screen once it's done.

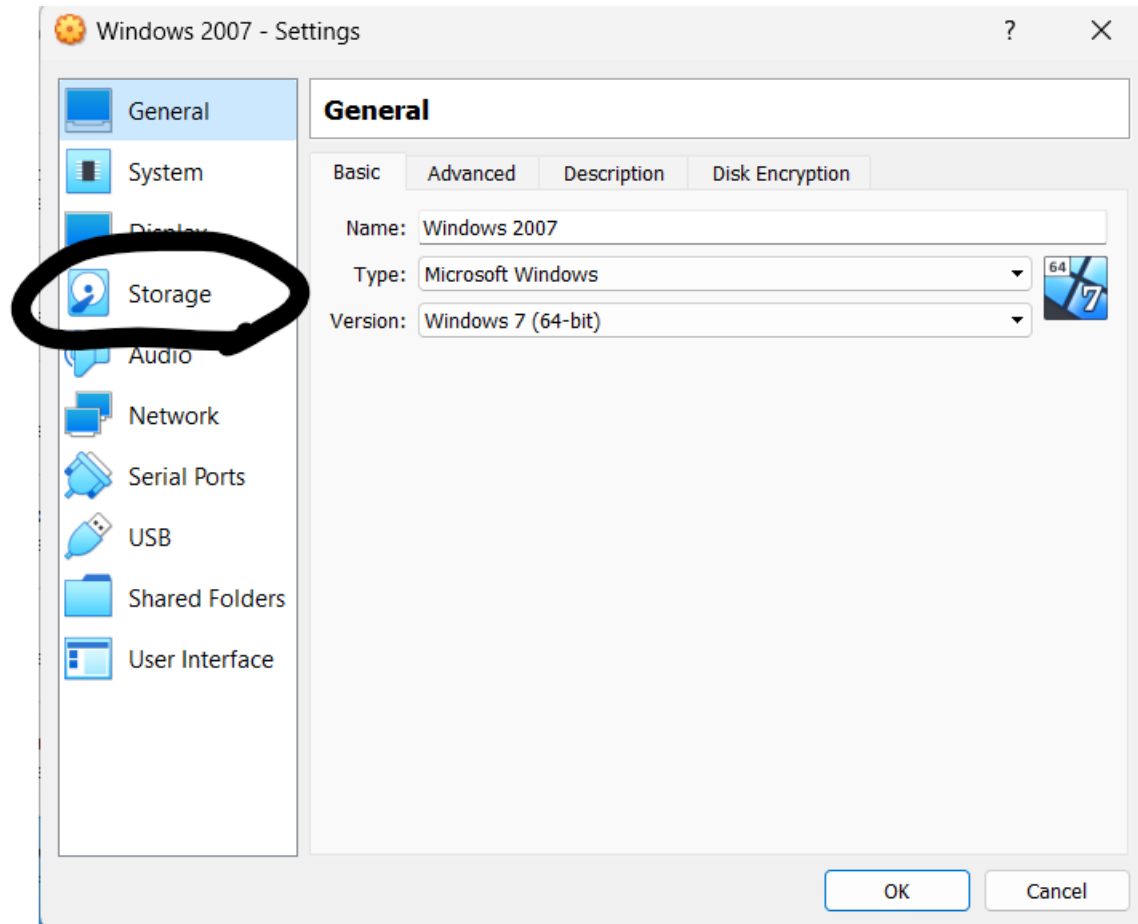


Fixing settings:

- Once the VM has been set up, click “Settings” → “Storage”.

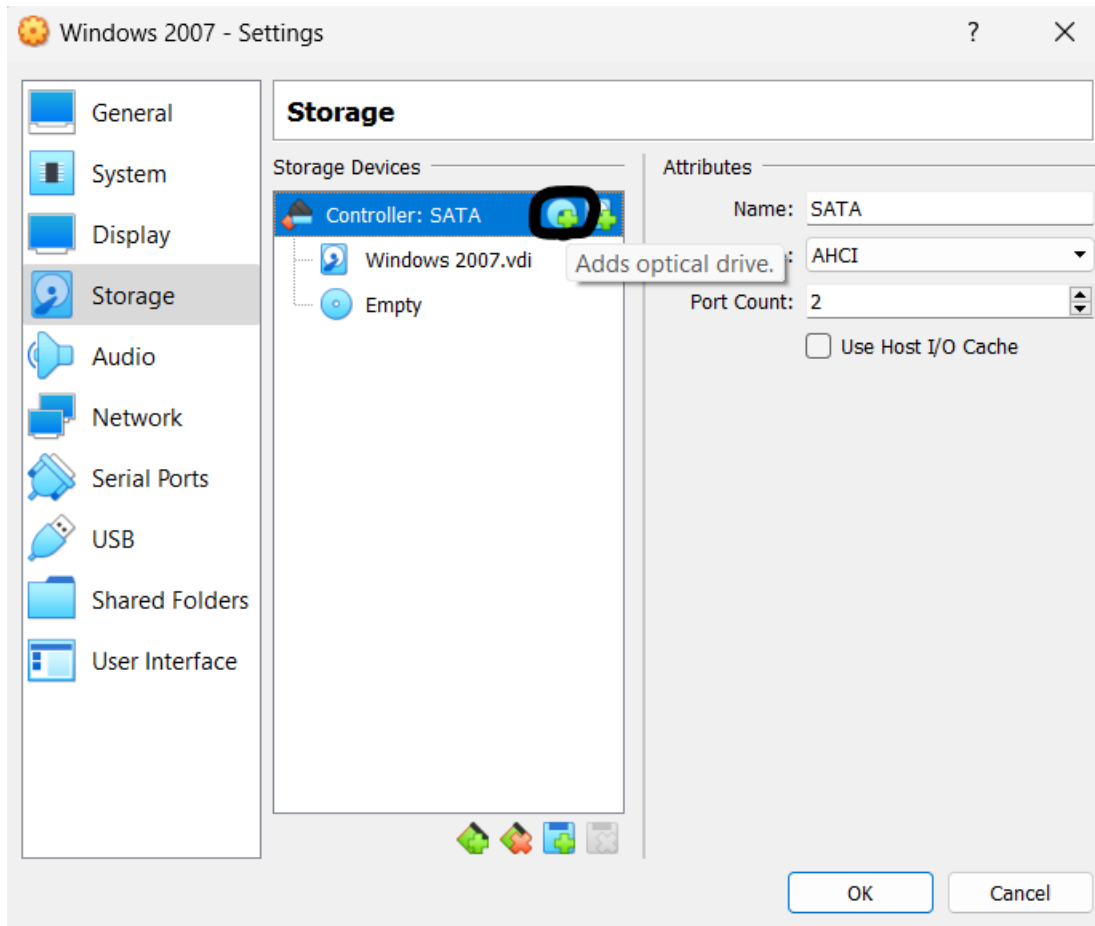


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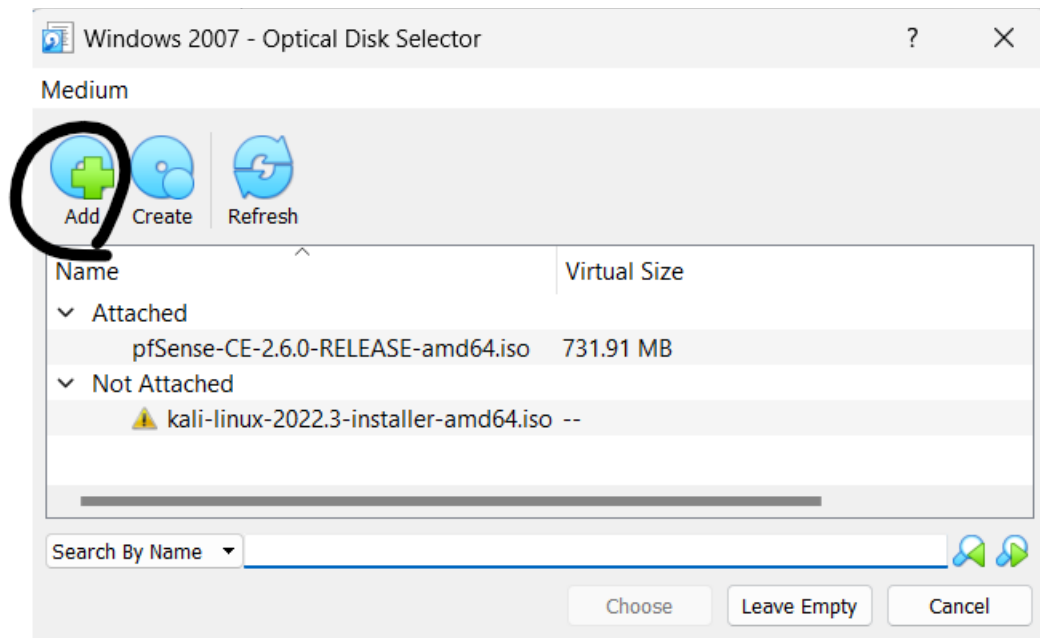


2. Press the disk icon with the plus sign on it to add an optical drive (this allows you to add the previously downloaded .iso file so the VM manager can read the data and properly display the operating system).

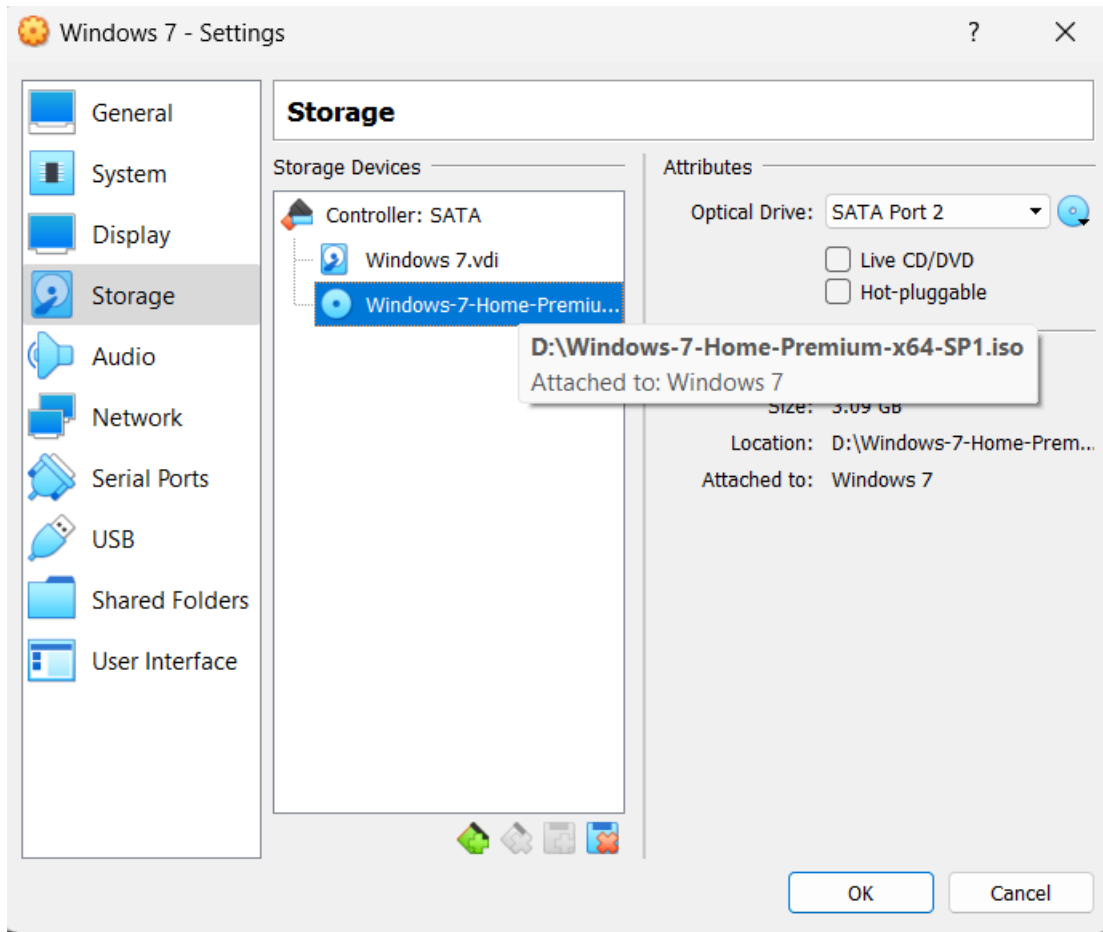
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3. Locate the .iso file and add it to the optical drive slot (you can remove the empty one once the iso has been added).



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4. Press "Ok". You are now ready to run the virtual machine!