



FACULTY *of*
COMPUTING

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Report on Installing Linux OS on a Computer Running Windows 10

Introduction

In this report, I will describe the process I followed to install LinuxMint on my computer running Windows 10 using VirtualBox. The installation was divided into two phases: setting up the environment and installing the operating system.

Requirements

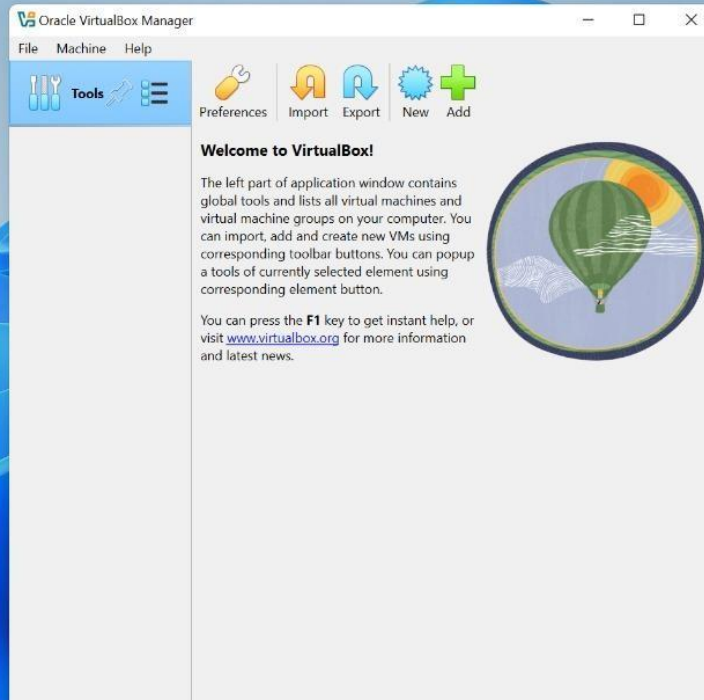
To complete this task, I used the following:

- VirtualBox
- 1 gigabyte of RAM
- 10 gigabytes of hard disk space
- A LinuxMint 22.1 cinnamon 64bit

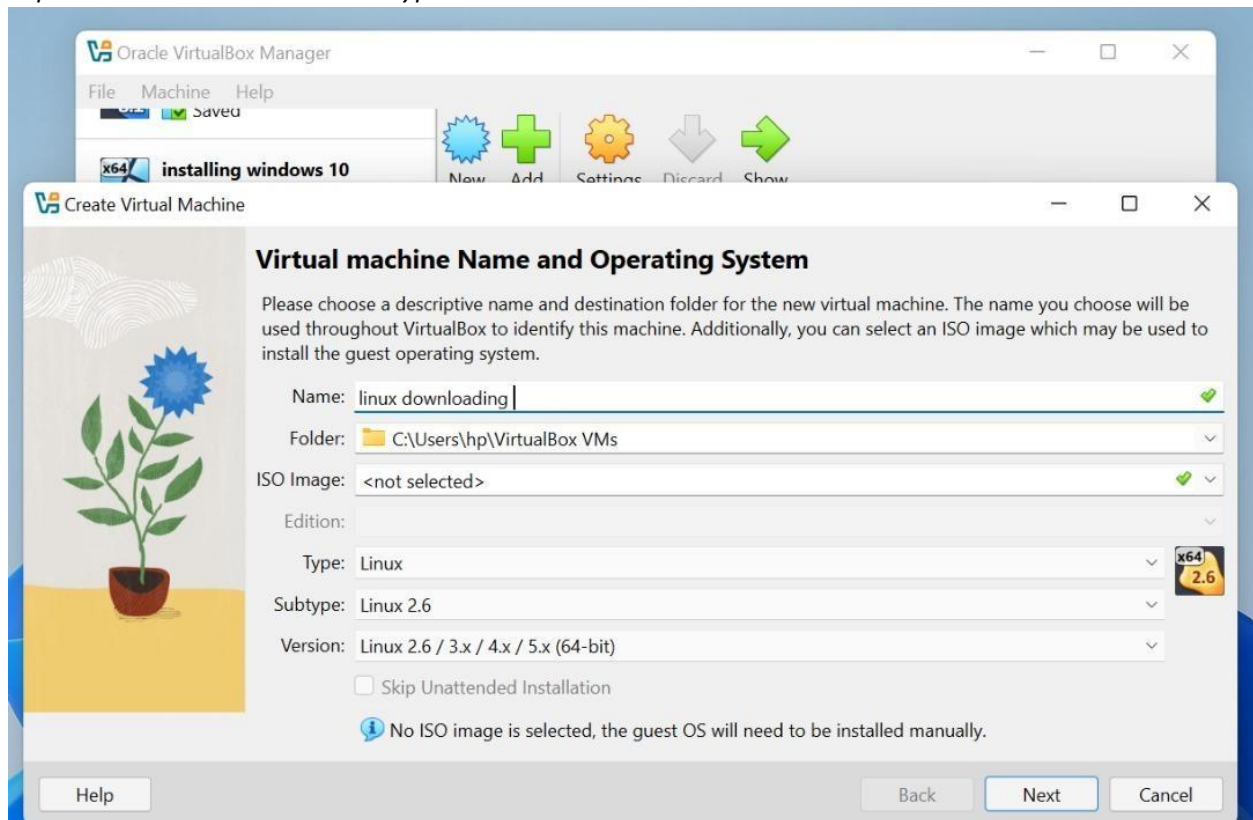
Before starting, I ensured that I had a virtualizer application installed. I chose VirtualBox because it is free, easy to use, and allows multiple operating systems to run on the same computer through virtualization technology.

Phase 1: Setting Up the Environment for Installing the OS

Step 1: I Opened VirtualBox

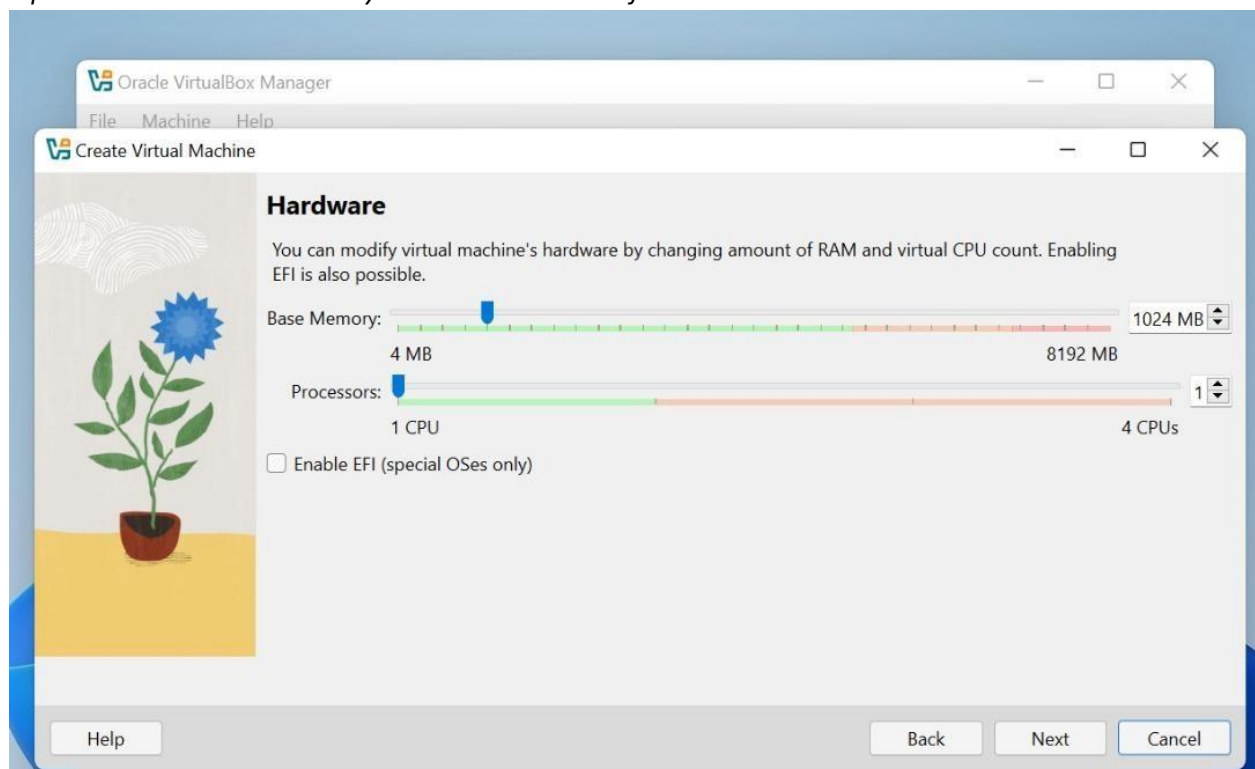


Step 2: I Provided the Name and Type



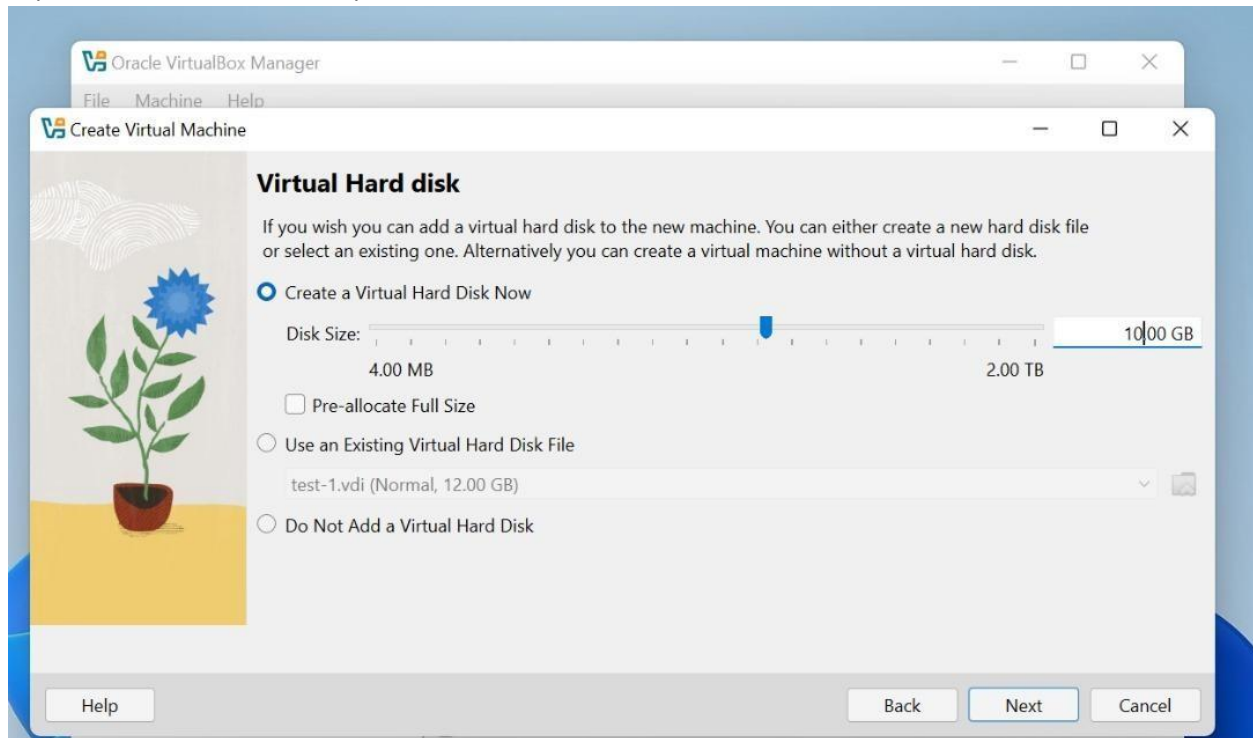
I named the virtual machine "linux downloading " I selected "linux" as the type.

Step 3: I Allocated Base Memory and allocated 1 GB of RAM



I allocated 1 GB of RAM to ensure good performance for the virtual machine.

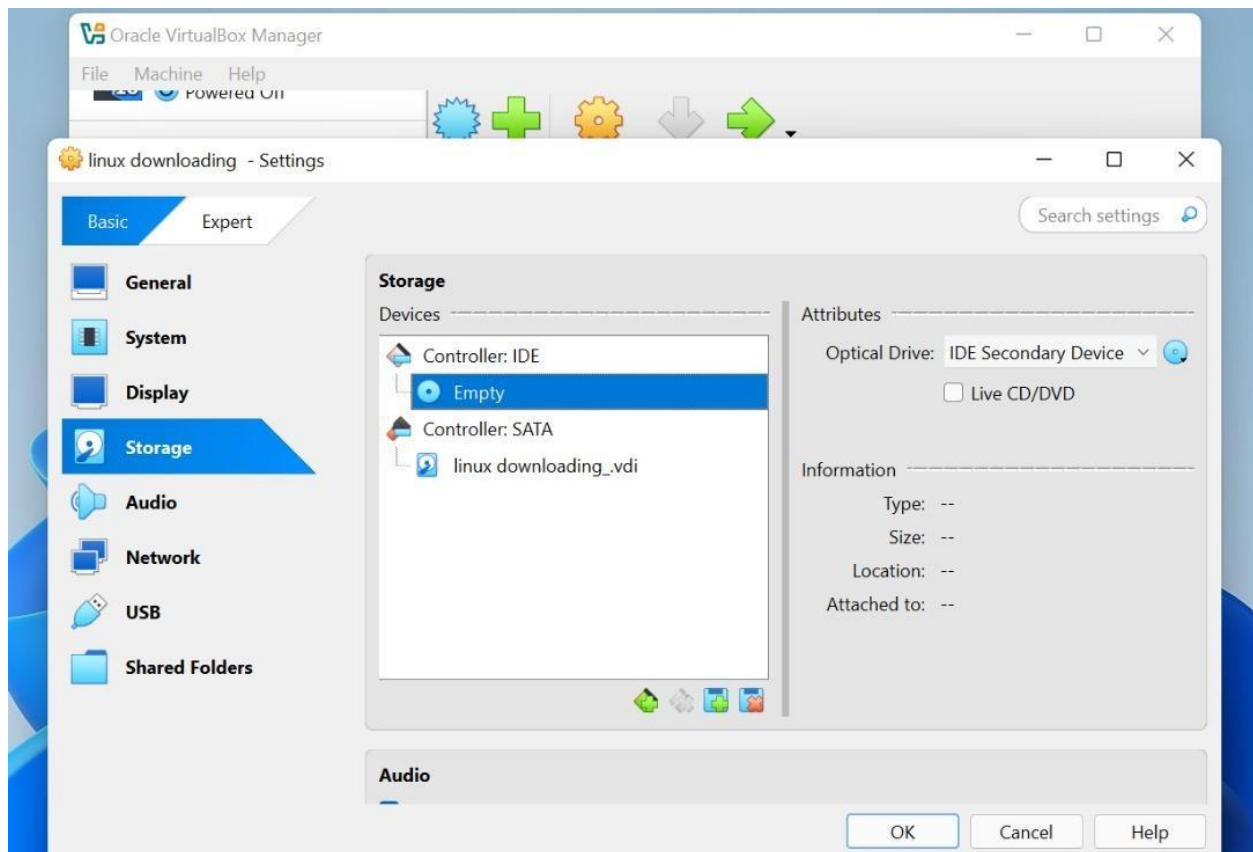
Step 4: I Allocated Hard Disk Space and Clicked "Next"



I allocated 10 GB of hard disk space, which I believe is sufficient for my needs. After clicking "Next," the environment was ready for the installation.

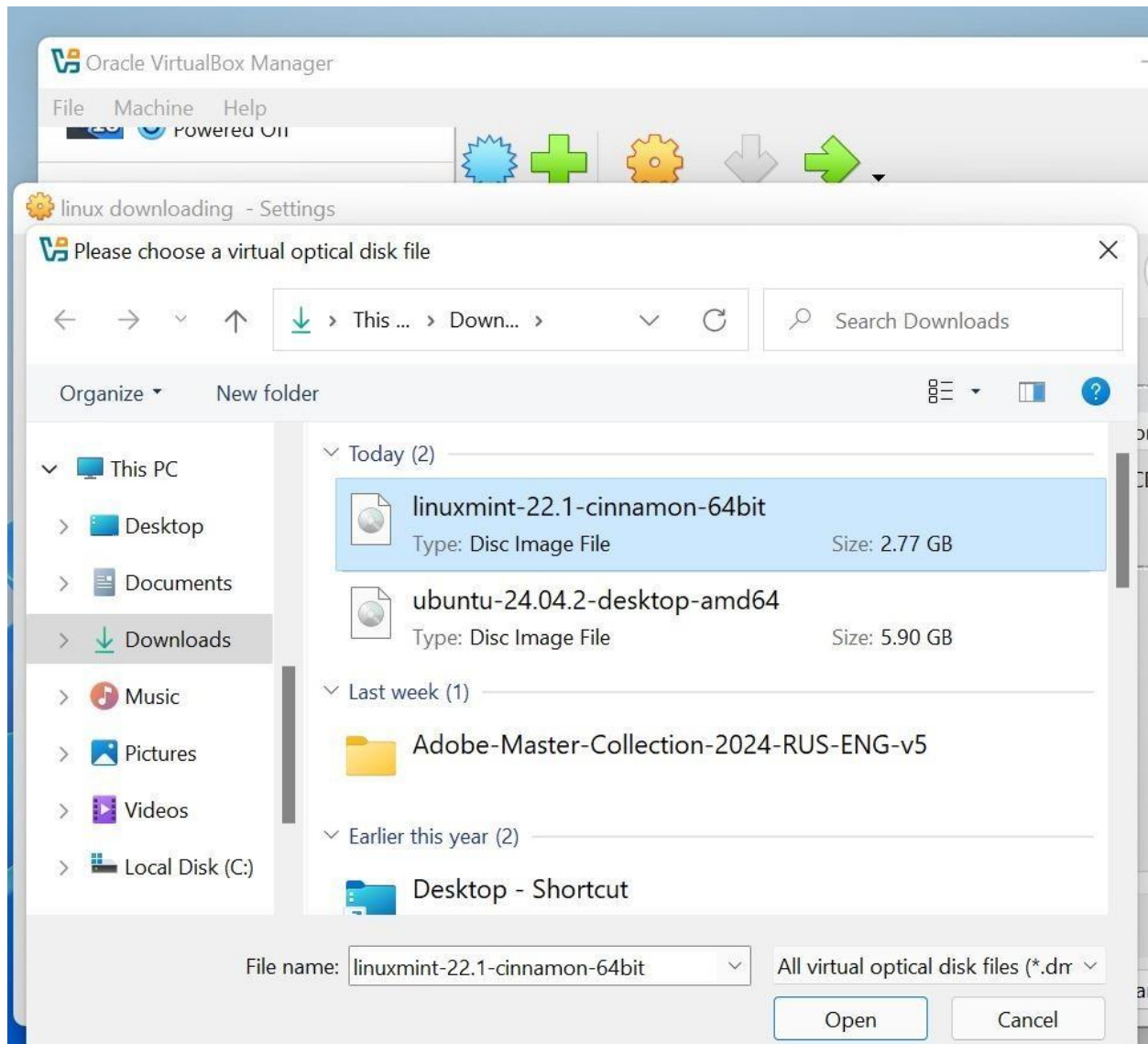
Next, I went to the "Storage" tab in the settings of the virtual machine, I selected the empty disk and clicked "Choose Virtual Optical Disk File." I then selected the linuxmint ISO file saved on my computer and clicked "OK."

Step 5: I went to storage to select installer file



For the hard disk file type, I selected "linuxmint 22.1 cinnamon 64bit".

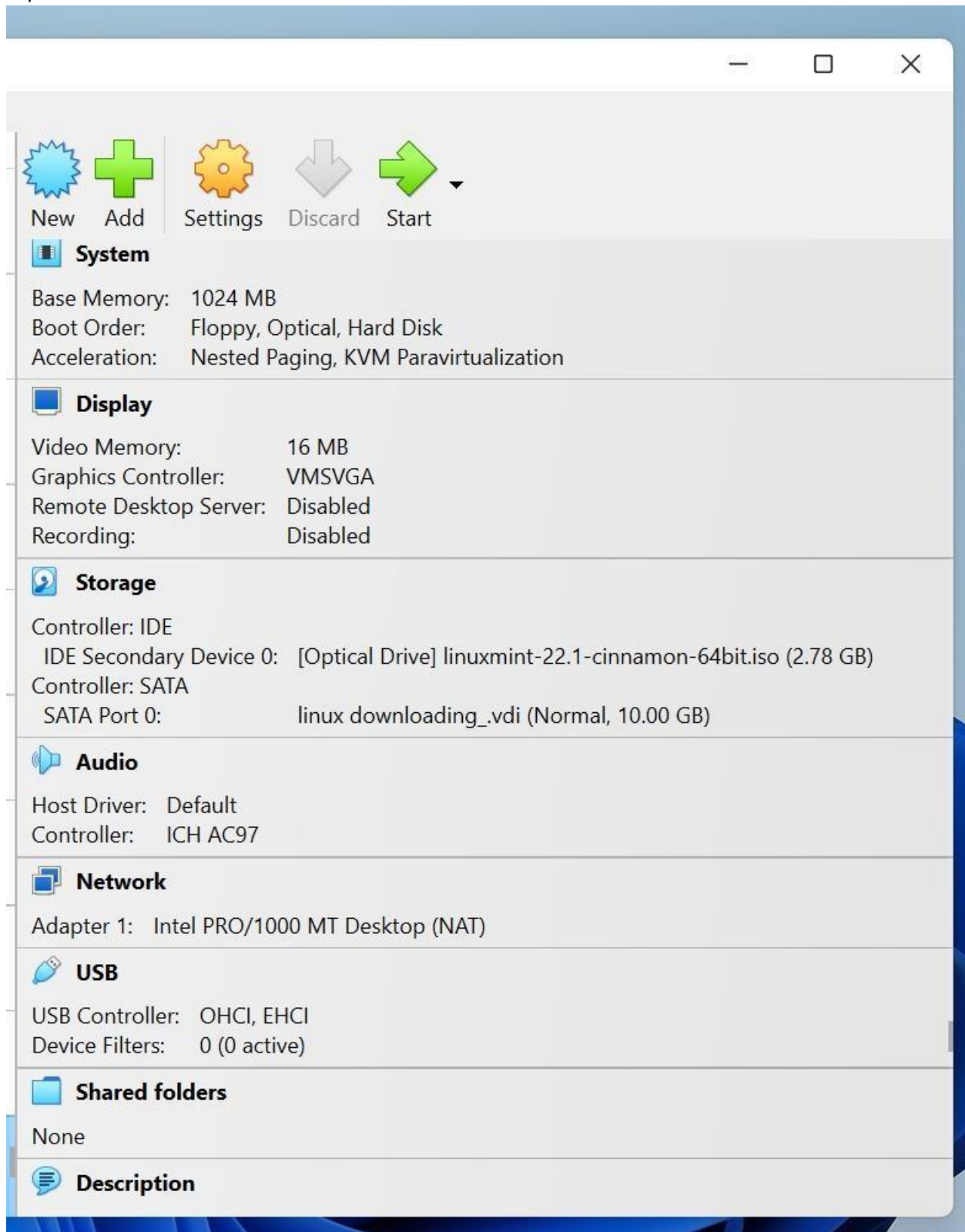
Step 9: I Located the linuxmint iso:



To locate the installer, I went to the “Storage” tab in the settings of the virtual machine.

Phase 2: Installing linuxmint 22.1

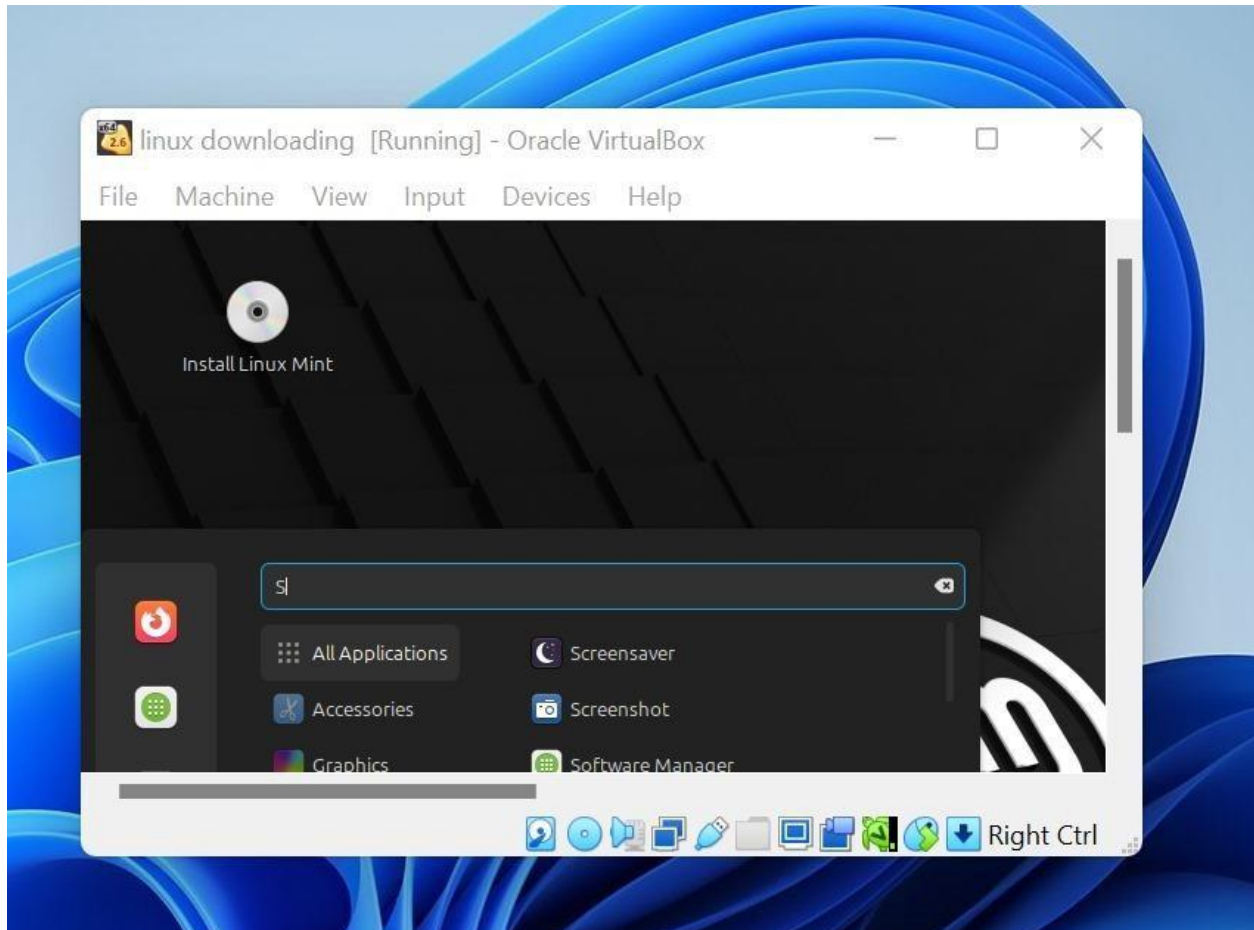
Step 1: I Started the Virtual Machine



With everything set up, I clicked the “Start” button at the top of the VirtualBox window to begin the installation process.

Step 2: I Waited for It to Load The virtual machine began loading.

Step 3: I Was Ready to Use linuxmint



Finally, I completed the setup and was ready to use my new Linux operating system.

Conclusion

Through this process, I successfully installed LinuxMint OS on my computer running Windows 10 using VirtualBox. This report outlines each step I followed, along with placeholders for screenshots to document the installation process.