

Emulate Android on your computer using VirtualBox.

Another way for people to install and use Android applications on their computers is by using VirtualBox to emulate Android on their PC. So how do you emulate Android using this software?

Emulating Android on your computer allows you to run applications and games specifically written for the Android operating system on mobile devices, smartphones, etc. In the previous article, you learned how to create an Android virtual machine on your computer using VirtualBox, which is just as good as BlueStacks .

Android Machine Virtual

How to create an Android virtual machine on your computer using VirtualBox

Step 1 : Preparation

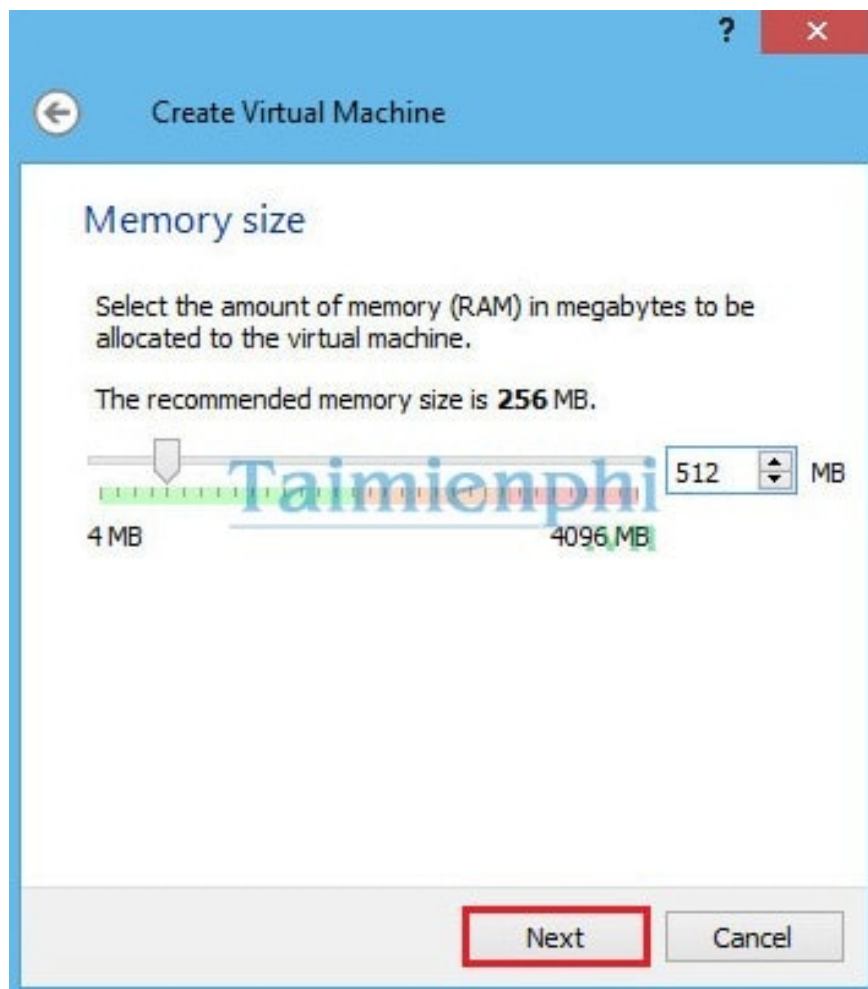
Before we begin, you need to install **VirtualBox** and download the **Android-x86** ISO file .

- **Download and install the latest version of VirtualBox** virtual drive creation software .
- Download the Android-x86 ISO file [here](#).

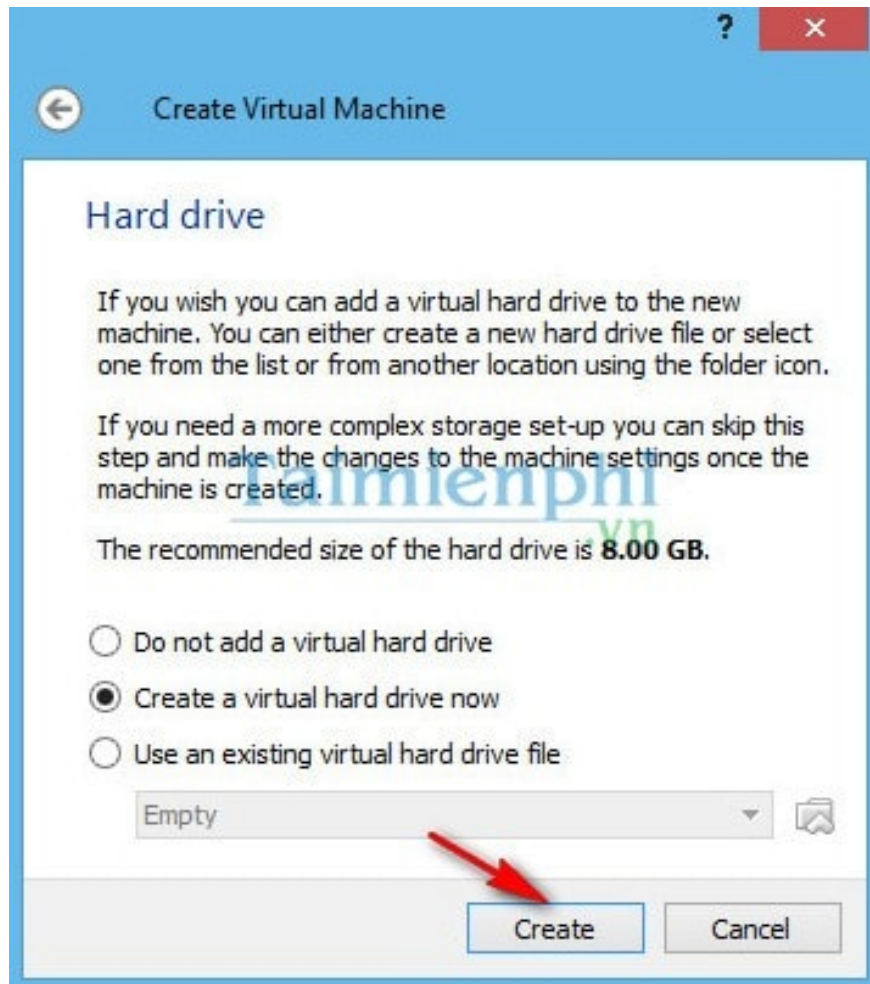
Step 2 : Open VirtualBox, click the **New** button to start creating a new virtual machine and set it up as shown in the image.



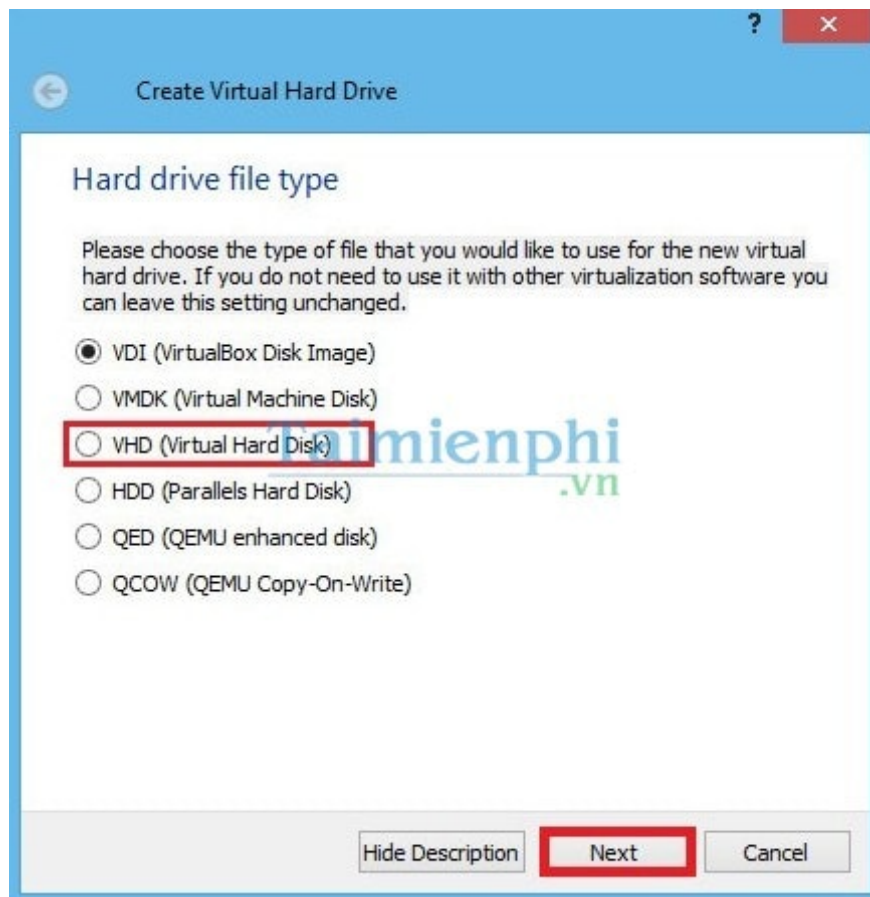
In the next dialog box, click **Next**.



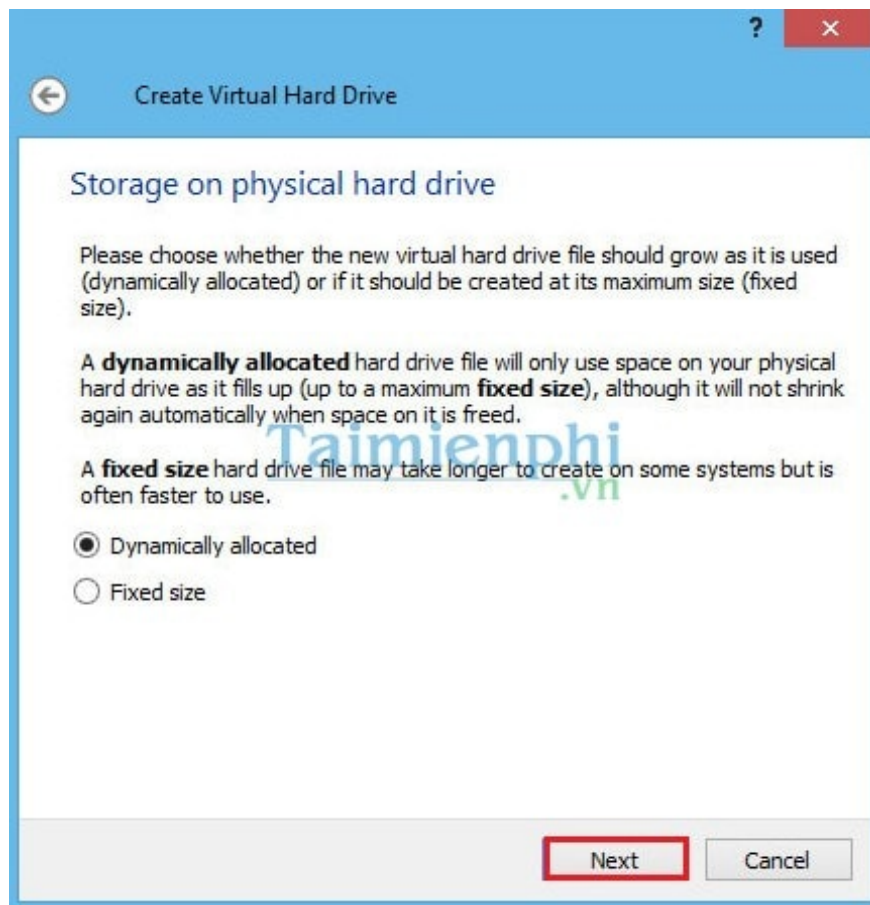
Press **Create** to begin the process.



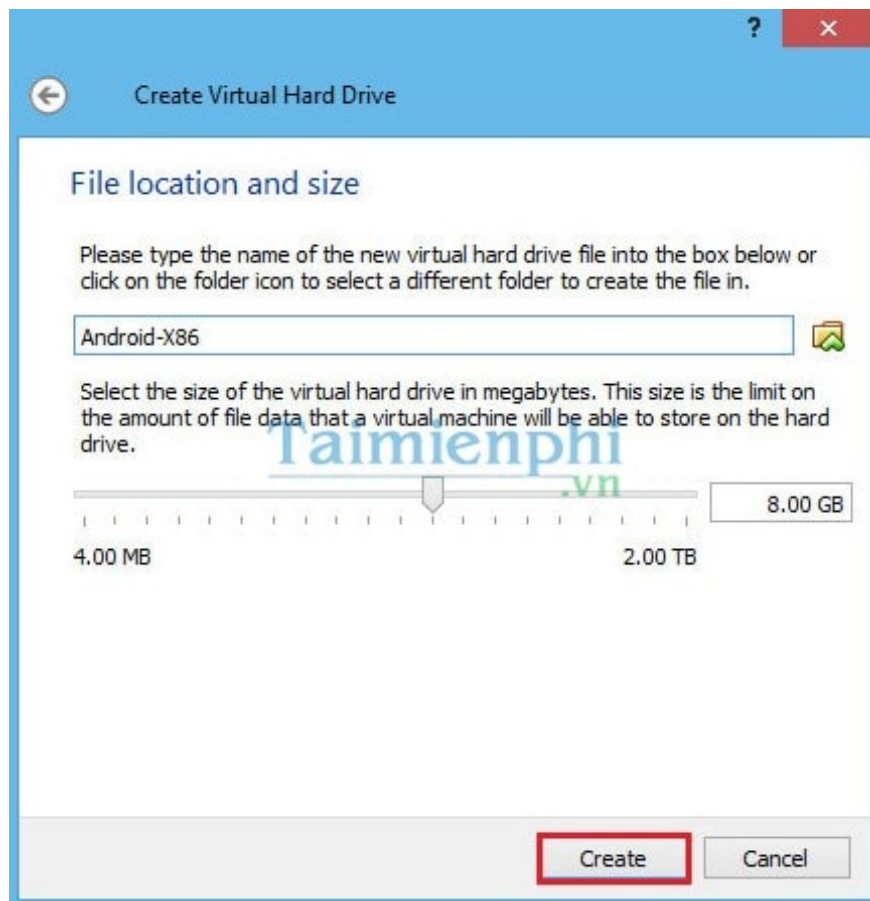
Select **VHD (Virtual Hard Disk)** and press **Next**.



In the new dialog box that appears, click **Next**.



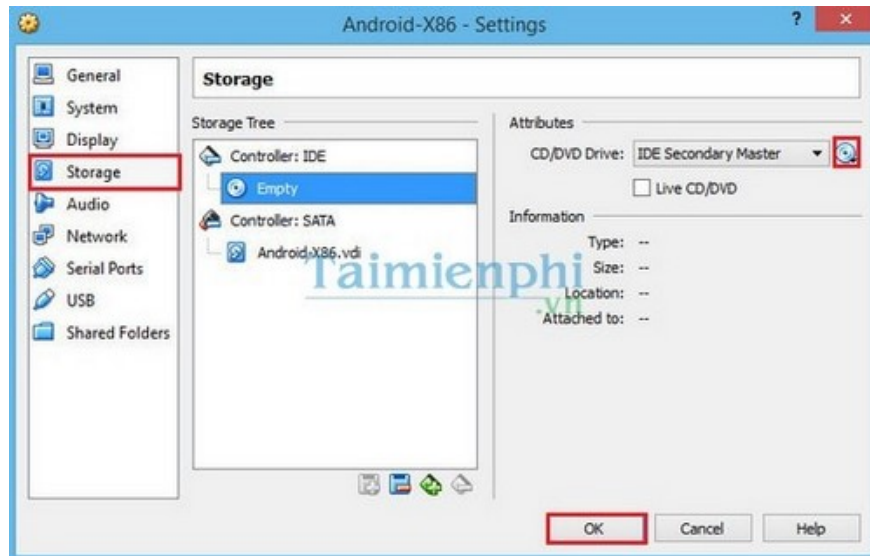
Press **Create**



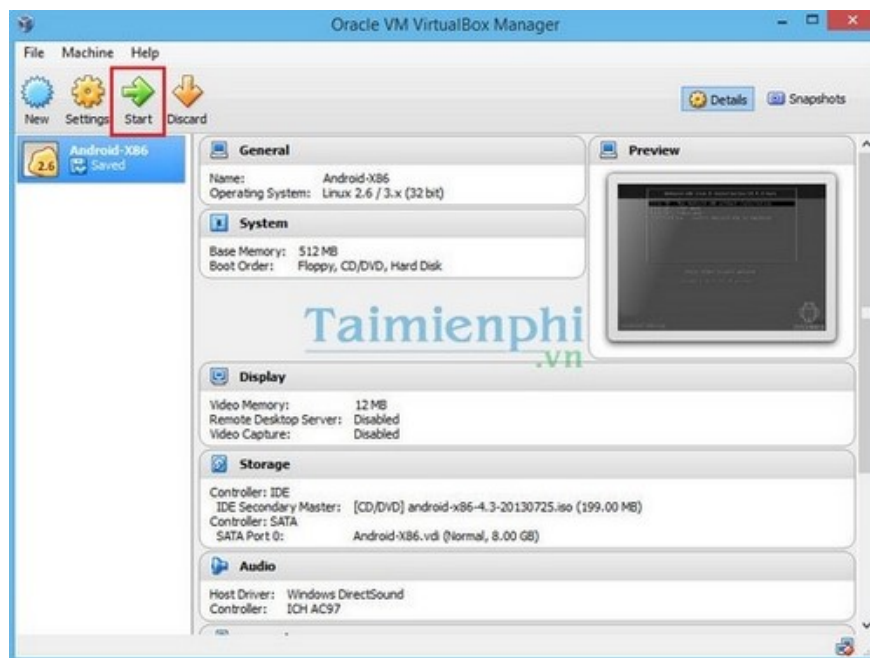
Step 3 : Install Android-x86



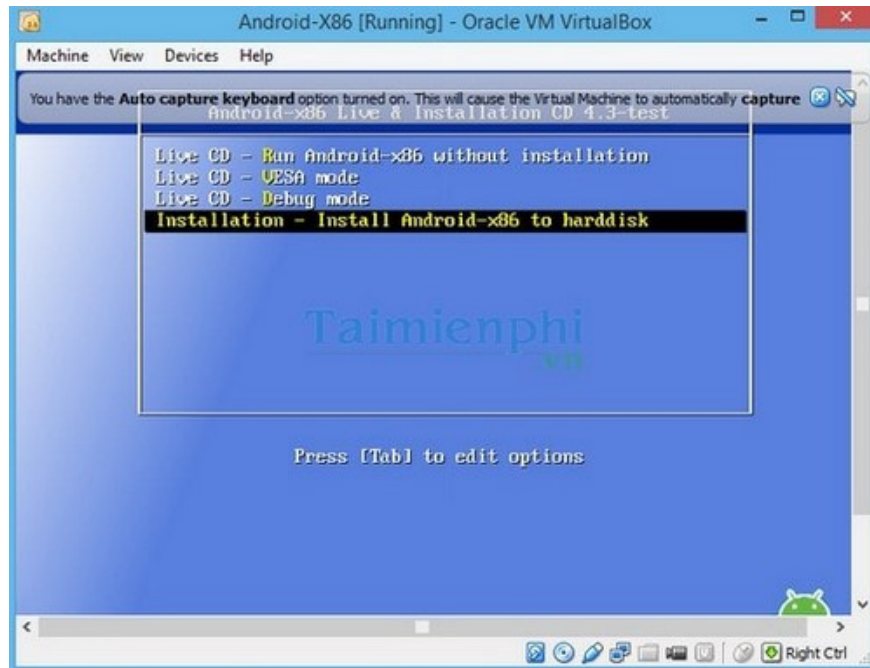
Click on **Store**, select **Empty** , then click on the CD icon, and select the Android-x86 ISO file you downloaded earlier.



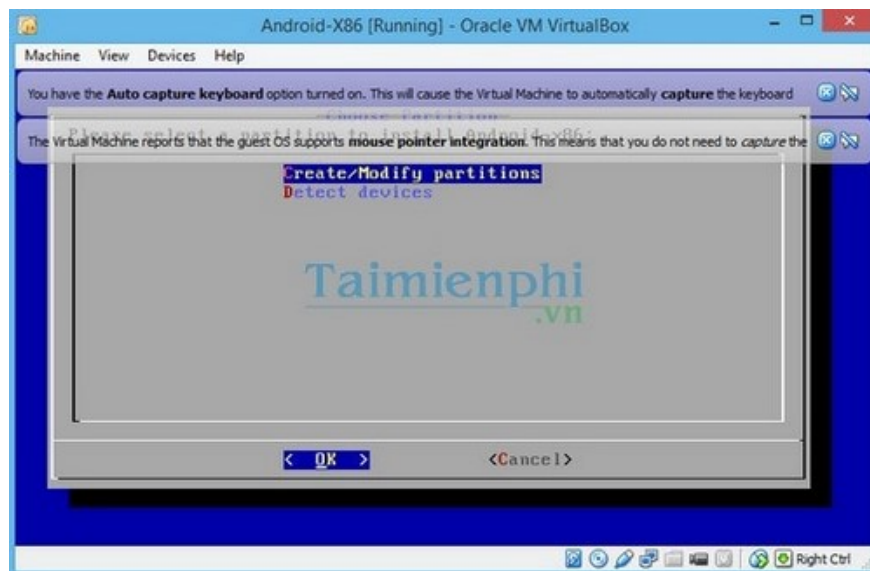
After completing the setup, click **Start** to run the program.



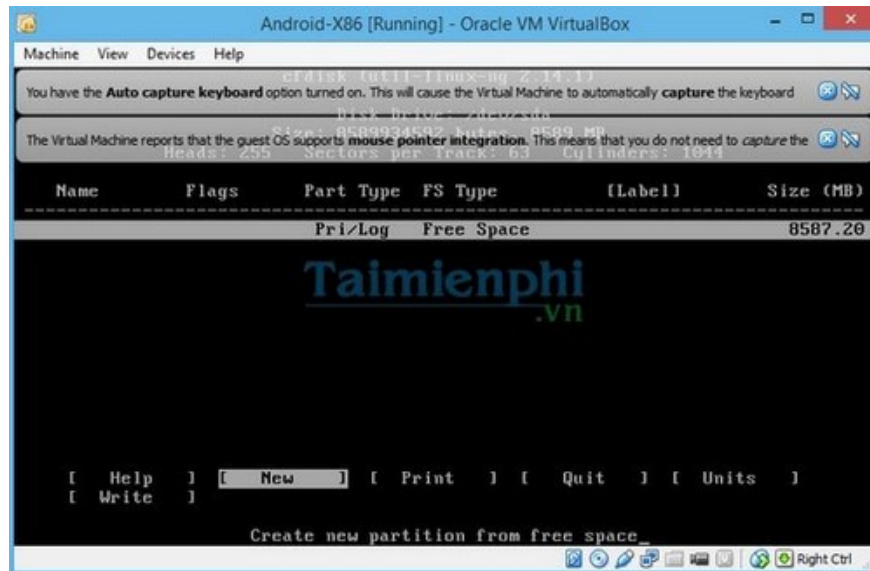
Then, a settings window will appear with options for you to choose from; select the last option.



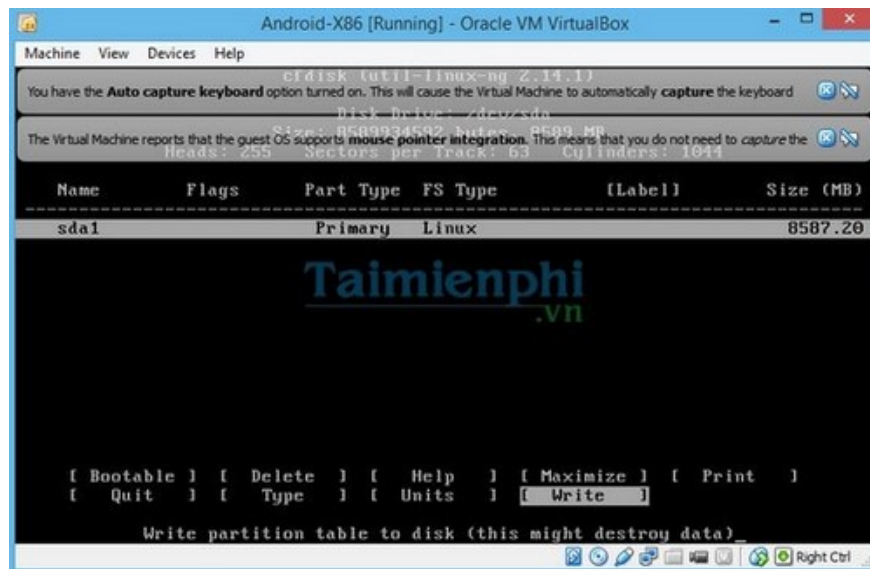
Next, select **Create/Modify partitions** in the following window.



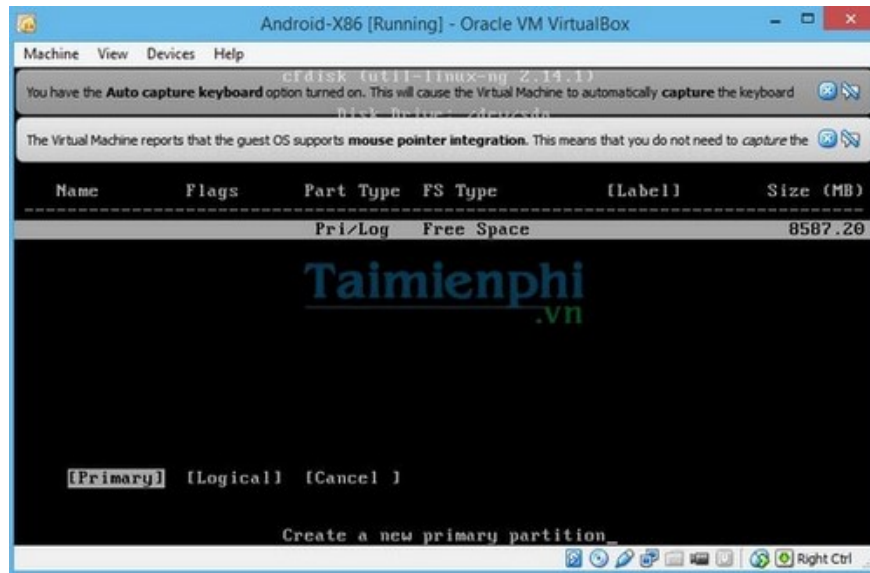
Using the keyboard, select **New** to create a new partition, then press Enter.



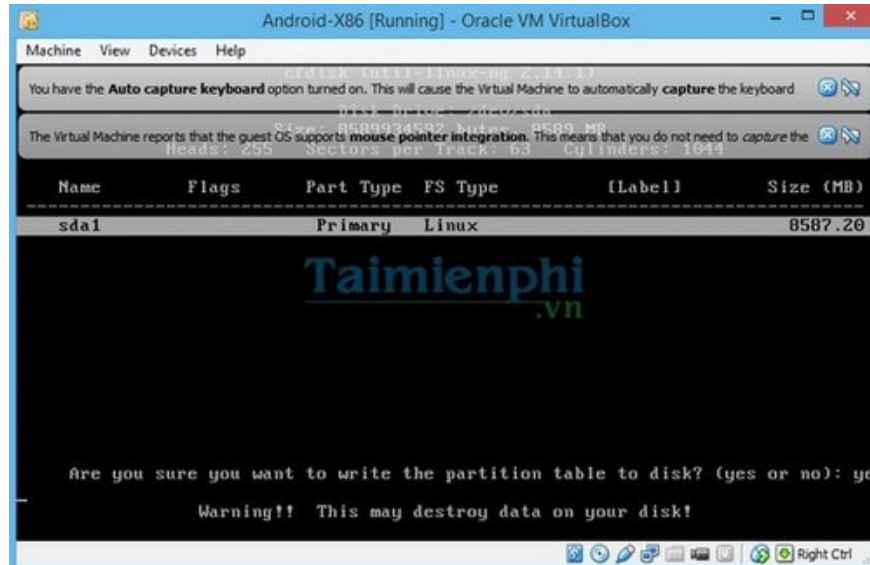
Select **Primary** and press Enter, then press Enter again to confirm the new partition size.



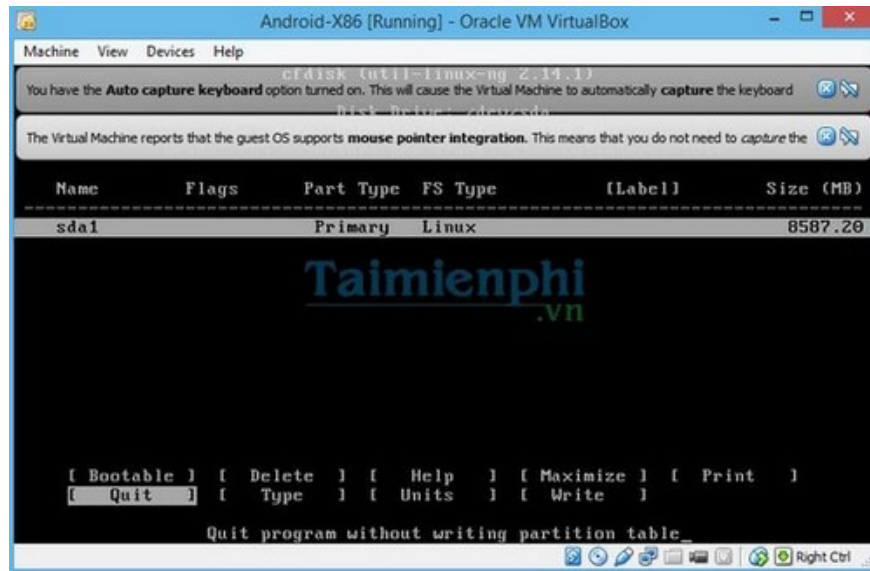
Next, select **Bootable** and press Enter. Then select **Write** and press Enter.



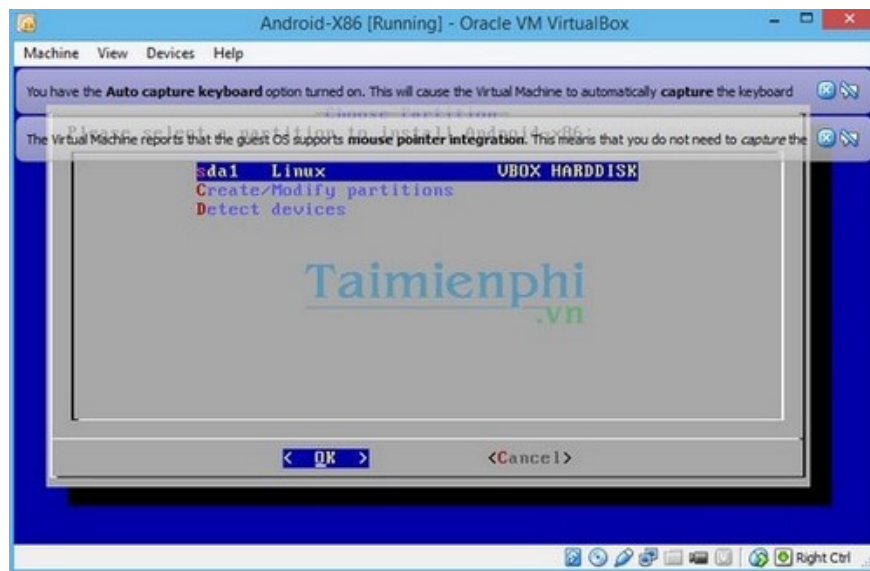
You will receive a Yes/No question; type **Yes** at the prompt and press Enter.



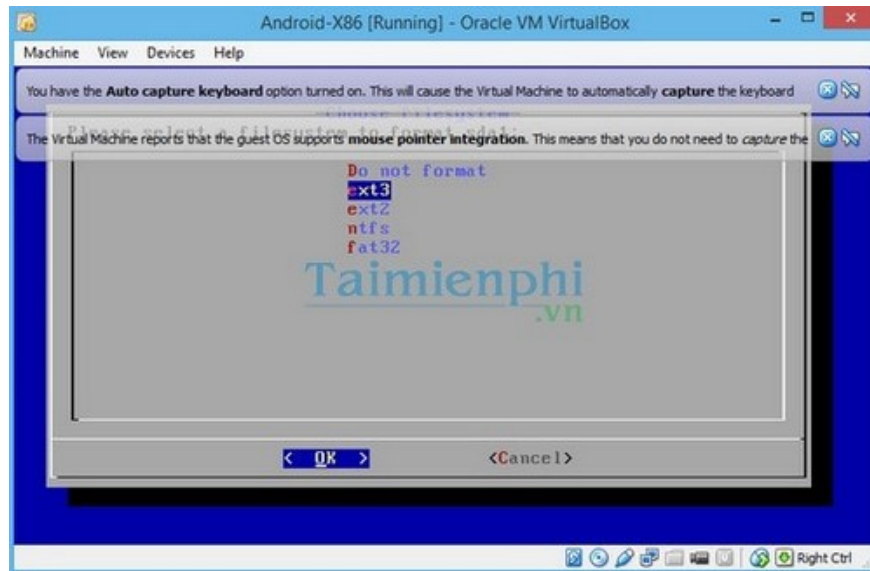
Then select **Quit** and press Enter.



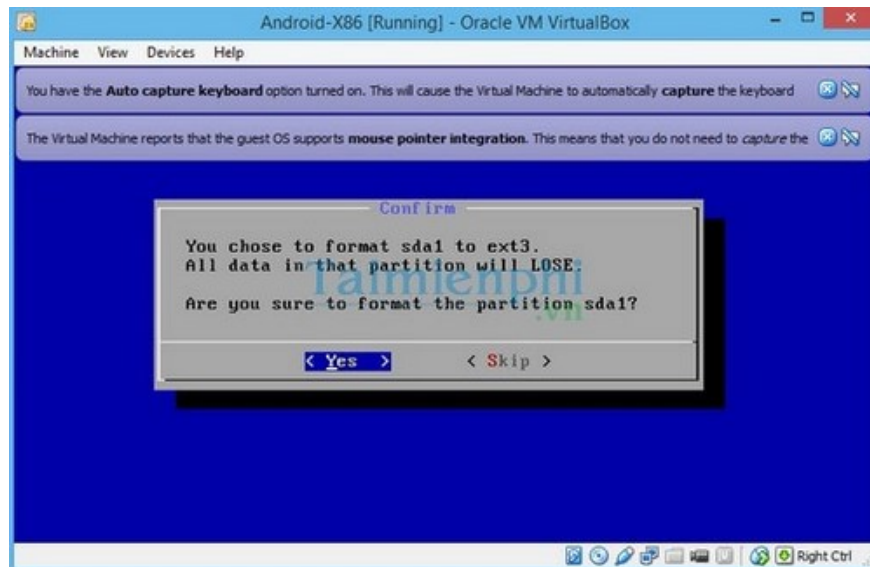
The screen will take you back to the Choose Partition window; select the first option and press Enter.



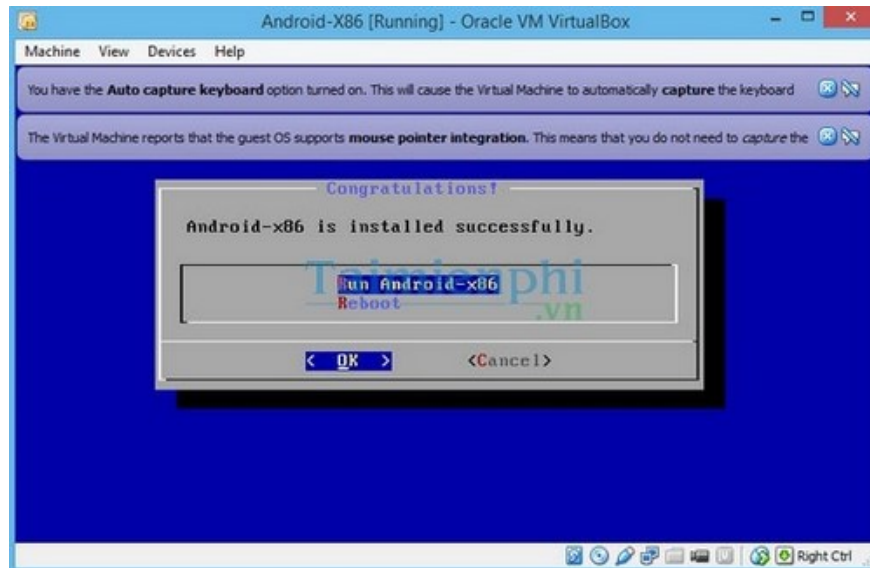
Select the format as **ext3** , then click **OK** to format the newly created partition.



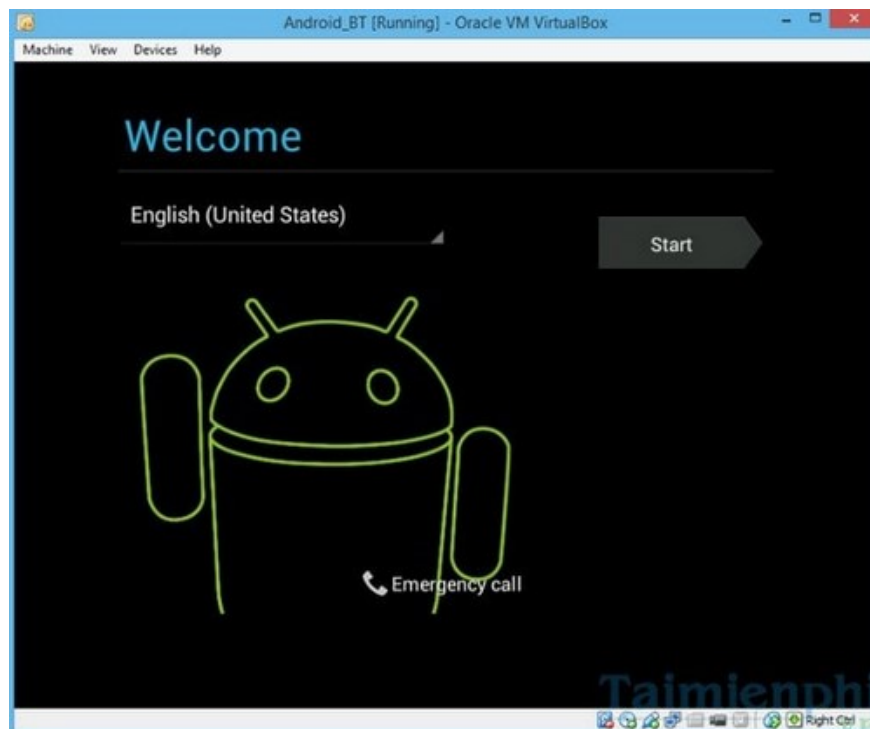
Continue clicking **Yes**



Then select **Run Android-x86** and click **OK**.



You just need to wait for Android to load and set it up according to the on-screen instructions, and you're done.



And here are the results.



Above, we have just guided you on how to create an Android virtual machine on your computer using **VirtualBox** . With this software, you can emulate the Android operating system on your computer and easily experience applications and games specifically designed for this operating system.

There are many Android emulator software programs available for Windows. Besides VirtualBox, users can download LeapDroid to emulate Android on their computers. LeapDroid boasts extremely high performance, providing gamers with a smooth, lag-free experience when playing Android games.

Besides LeapDroid, BlueStacks, or Virtualbox, you can also download many other Android emulators currently available, such as Droid4X, Windroy, Nox App Player, MEMu , Genymotion, or Koplayer. These are all highly rated by users. Droid4X has download and installation speeds comparable to BlueStacks, while Nox App Player has received quite good user reviews. The remaining options, such as MEMu and Koplayer, also meet the requirements of gamers and users.

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