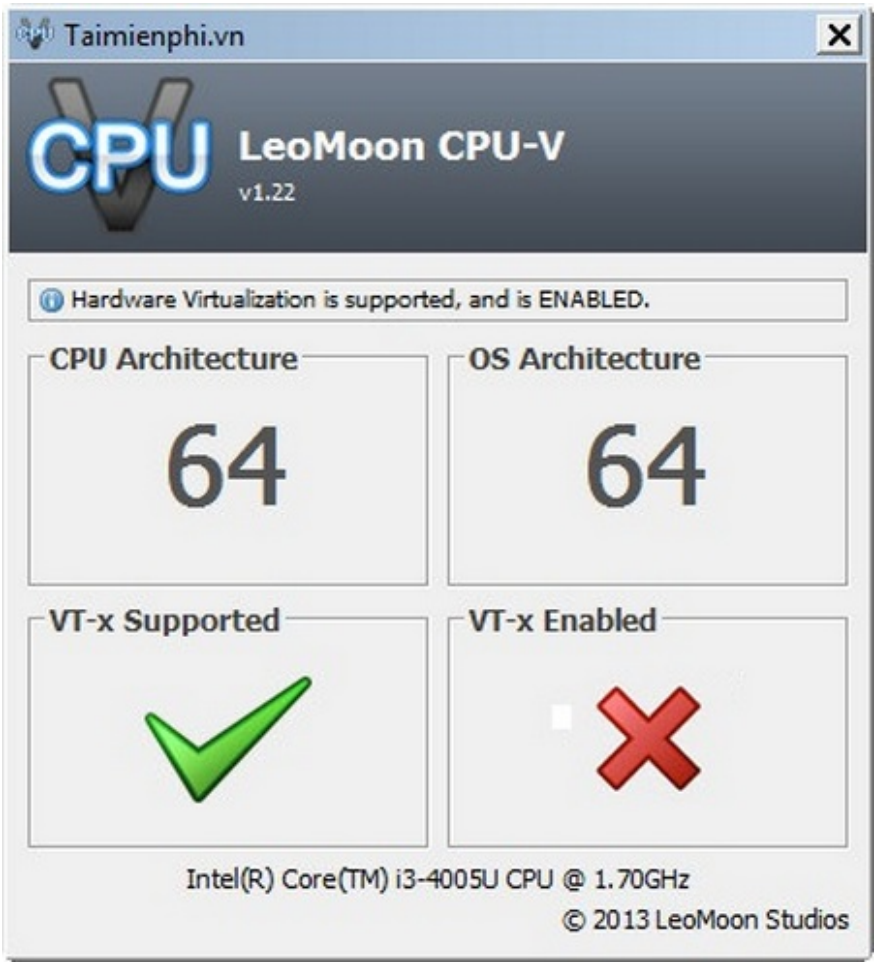
Instructions on enabling CPU virtualization in BIOS, enabling VT-x from BIOS.

This guide on enabling CPU virtualization in BIOS will help you activate virtualization technology on your computer, a technology that is now quite common and often used to support emulators or virtualization to achieve maximum performance. This technology is called Intel® Virtualization Technology (VT-x) on Intel CPUs and AMD Virtualization (AMD-V) on AMD CPUs.

To check if your computer has virtualization enabled or supports it, use the **LeoMoon CPU-V** tool to check before proceeding with the tweaking process. If LeoMoon CPU-V displays as shown above, it means your computer supports virtualization (green checkmark next to **VT-x Supported**) or if virtualization is not enabled (red checkmark next to **VT-x Enabled**), follow the instructions below to enable CPU virtualization in the BIOS. If there are **green checkmarks** on both sides, it means your computer has virtualization enabled, and if there are red checkmarks on both sides, it means your CPU is too old and does not support this function.



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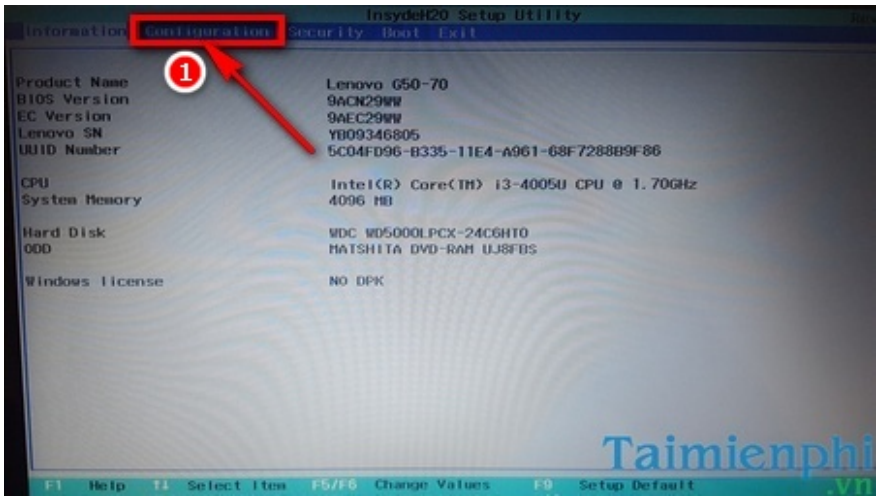
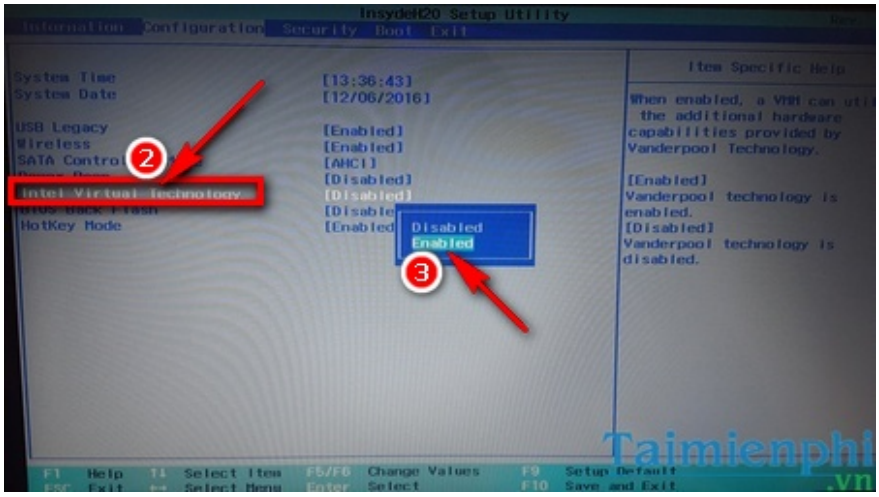
Step 1: Restart your computer and enter the BIOS (you can refer to the following article on how to access the BIOS on some laptop models).

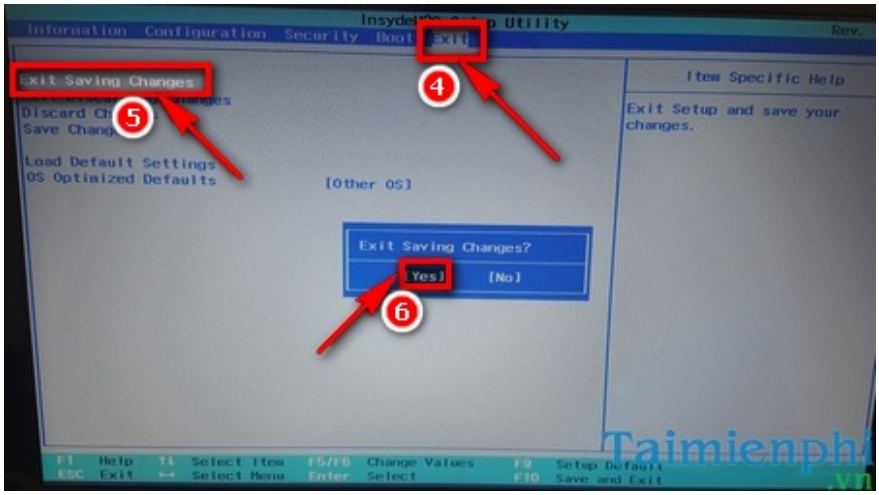
Step 2: After entering the BIOS, on the main screen, use the right arrow key to select the **Configuration tab.**



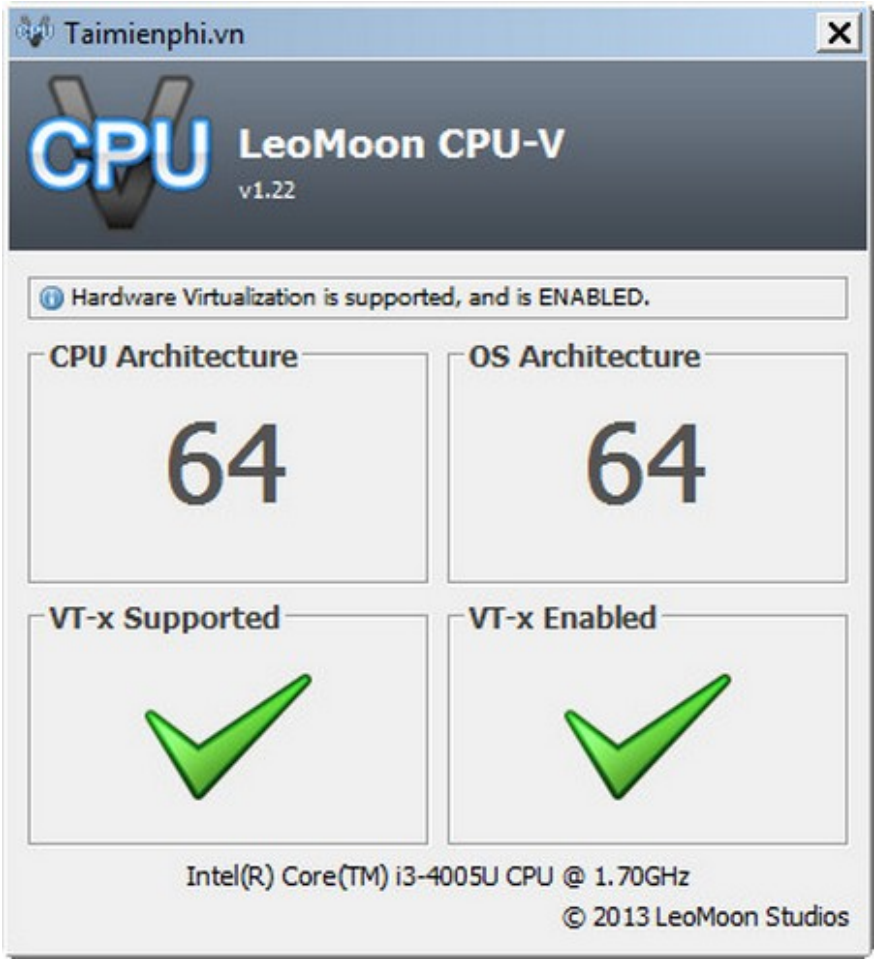
Step 3: Use the up and down arrow keys to navigate to **Intel Virtual Technology** , then press **Enter** and change it from **Disabled** to **Enabled.** Press **Enter** again to enable CPU virtualization in the BIOS.



Step 4: The final step to exit and complete the conversion. Use the right arrow key to switch to the **Exit** tab , select **Exit Saving Changes,** then select **Yes** to exit and save the changes. The system will automatically save and restart Windows.



You can **use LeoMoon CPU-V** to double-check if virtualization is enabled on your computer. When the tool shows two green checkmarks, it means your computer is fully virtualized.



You should enable virtualization, turn on CPU virtualization in the BIOS, or enable VT-x from the BIOS when you need to use emulators to play games. If you don't need to play games or utilize virtualization, you shouldn't enable it to ensure stable CPU operation. The BIOS is a system that allows users to adjust and fine-tune some hardware components on their computer; you can also **adjust the BIOS settings** through it .

BIOS is also regularly updated by manufacturers, so you may need to upgrade your device's BIOS. Taimienphi has shared how to upgrade the BIOS in a previous article.

If enabling CPU virtualization doesn't provide a smooth gaming experience, you should try forcing specific applications to use the CPU to maximize its power. Taimienphi has already introduced tips on forcing applications to use the CPU ; if you're interested, please check them out.

You finished reading the article "**Instructions on enabling CPU virtualization in BIOS, enabling VT-x from BIOS.**" 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.