

Ubuntu16.04 System Installation

Notes:

This tutorial is based on HP computers, and other series of computers are also available for reference. Simple changes can be made.

Step1:

Firstly, we need to make the boot USB of the corresponding system as needed, we choose ubuntu16.04. You can refer to **this Blog**:

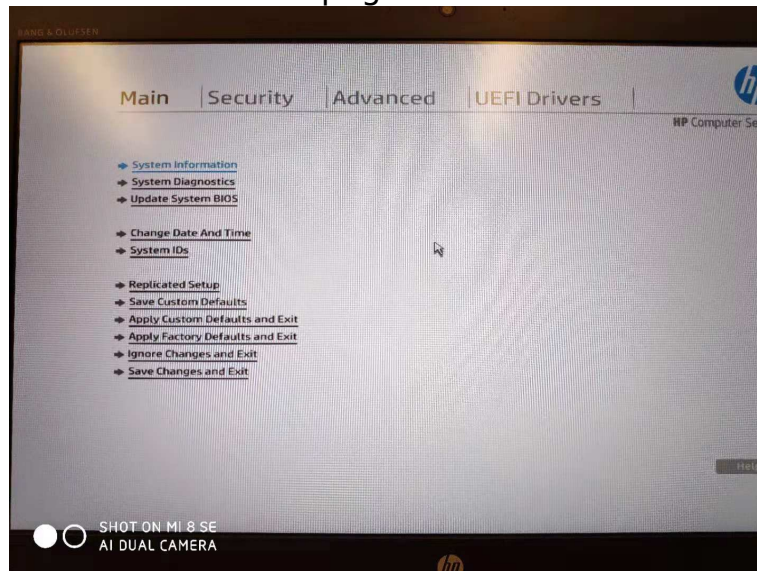
<https://blog.csdn.net/hitzijiyingcai/article/details/81627816>

Under windows system, there are some key steps to note:

- Turn off the quick start box of the windows system
- Allocate hard disk space for Ubuntu systems

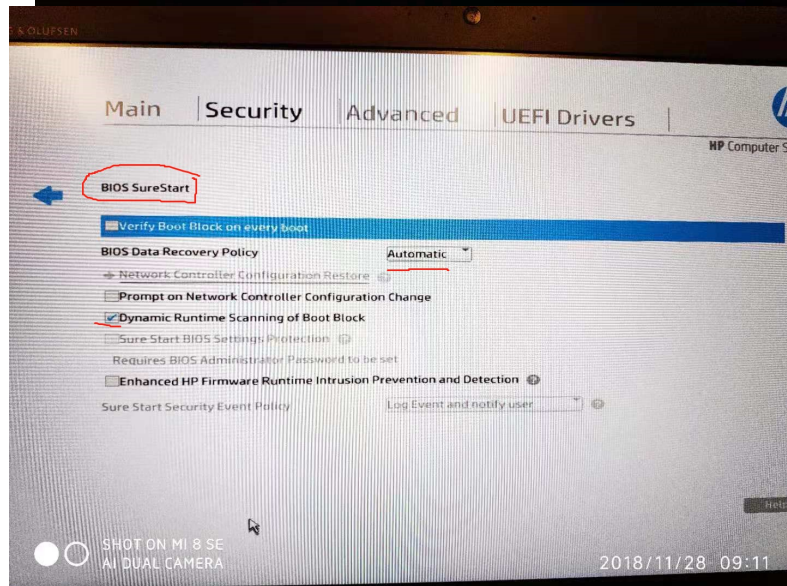
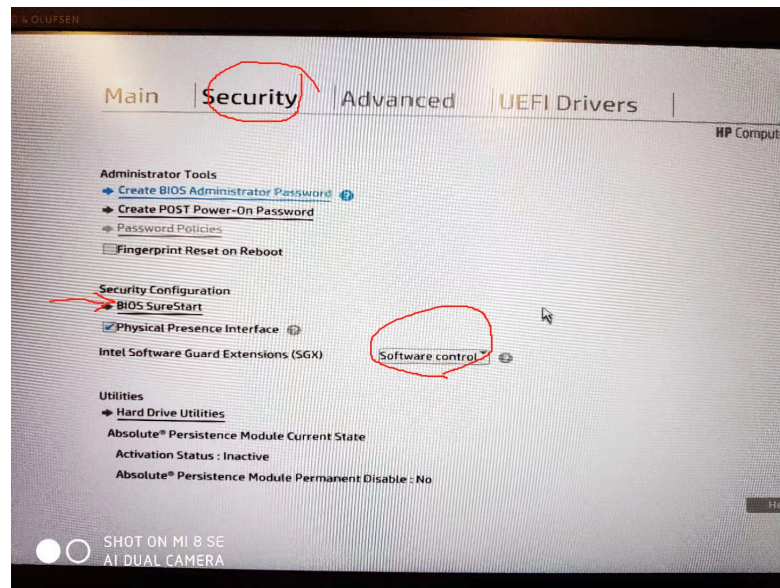
Step2:

After step 1, plug in the USB, then press F10 into BIOS (depends on your PC.), there will show this page:

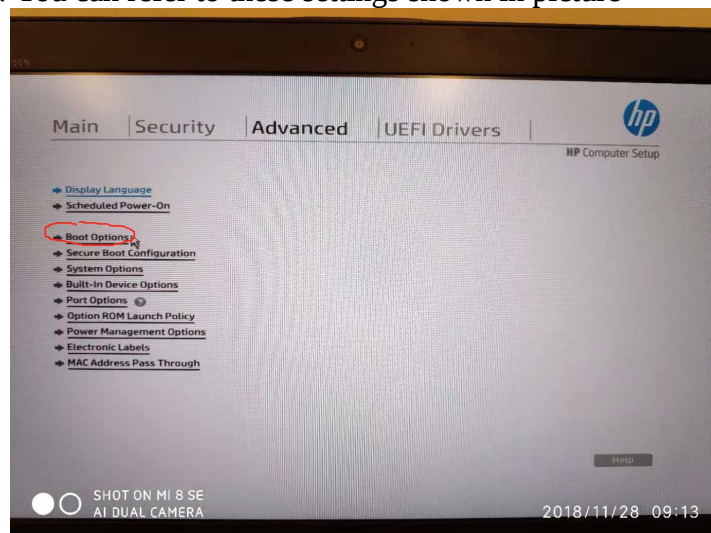


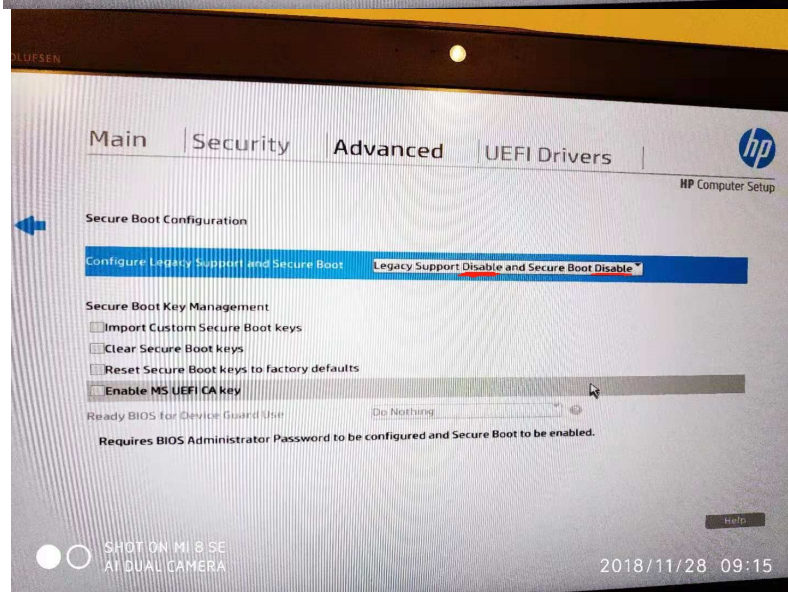
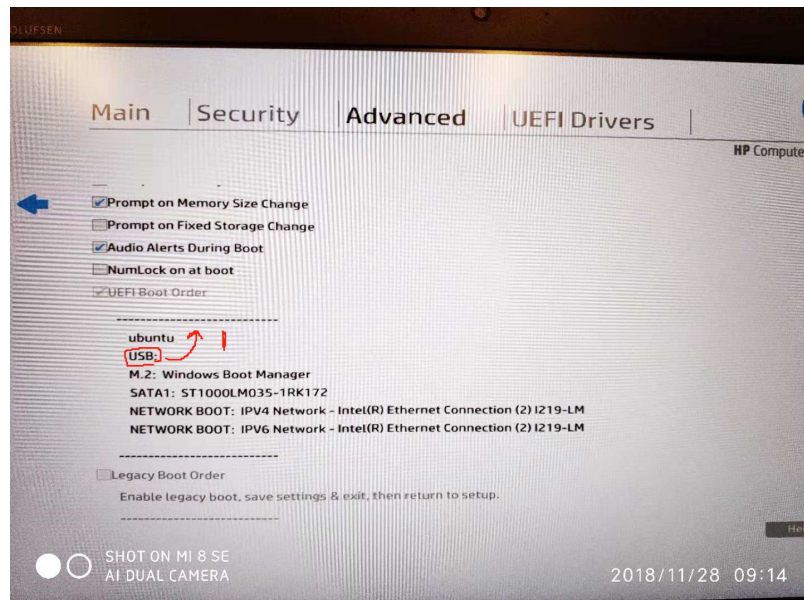
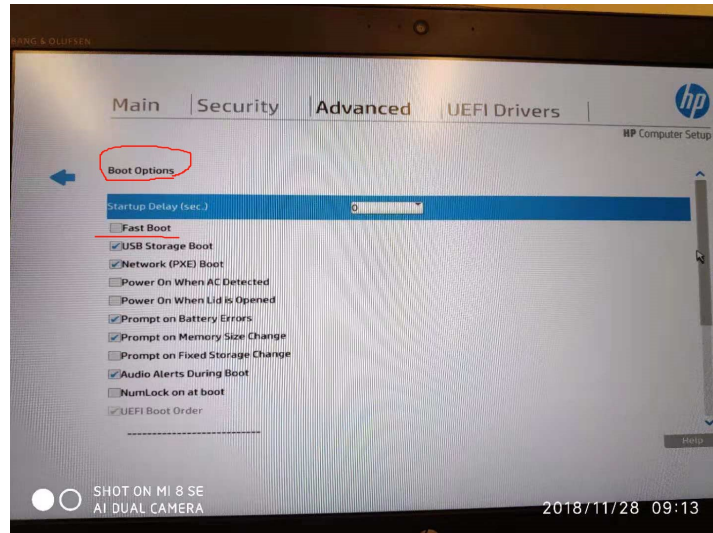
There are also some key steps to note:

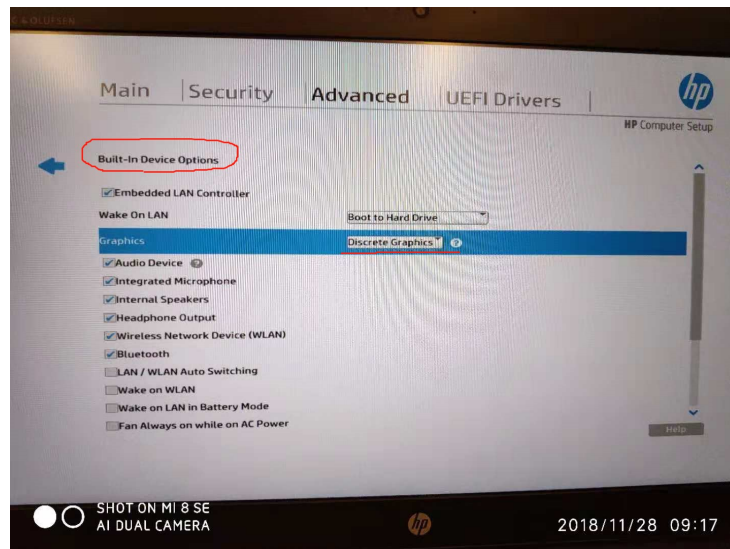
- Security : You can refer to these settings shown in picture, (optional: Inter (SGX)-disable)



Advanced : You can refer to these settings shown in picture







After setting is complete, press save and change, computer will restart, and installation begin, during the installation process, you can refer to this:

https://blog.csdn.net/jesse_mx/article/details/61425361

Installation is complete, you need to install ROS Kinetic (refer to wiki)

Notes:

This installation tutorial is not omnipotent, your computer setup and some problems with Ubuntu itself will create new problems, causing the installation to fail. So when problems occurs, try to google to find the answer.

There is a valuable question here, “ **Minimal BASH-like line editing is supported** ”, it is a common [Grub](#) error that could occur with any Linux OS be it Ubuntu, Fedora, Linux Mint etc. There is a solution here: <https://itsfoss.com/fix-minimal-bash-line-editing-supported-grub-error-linux/>