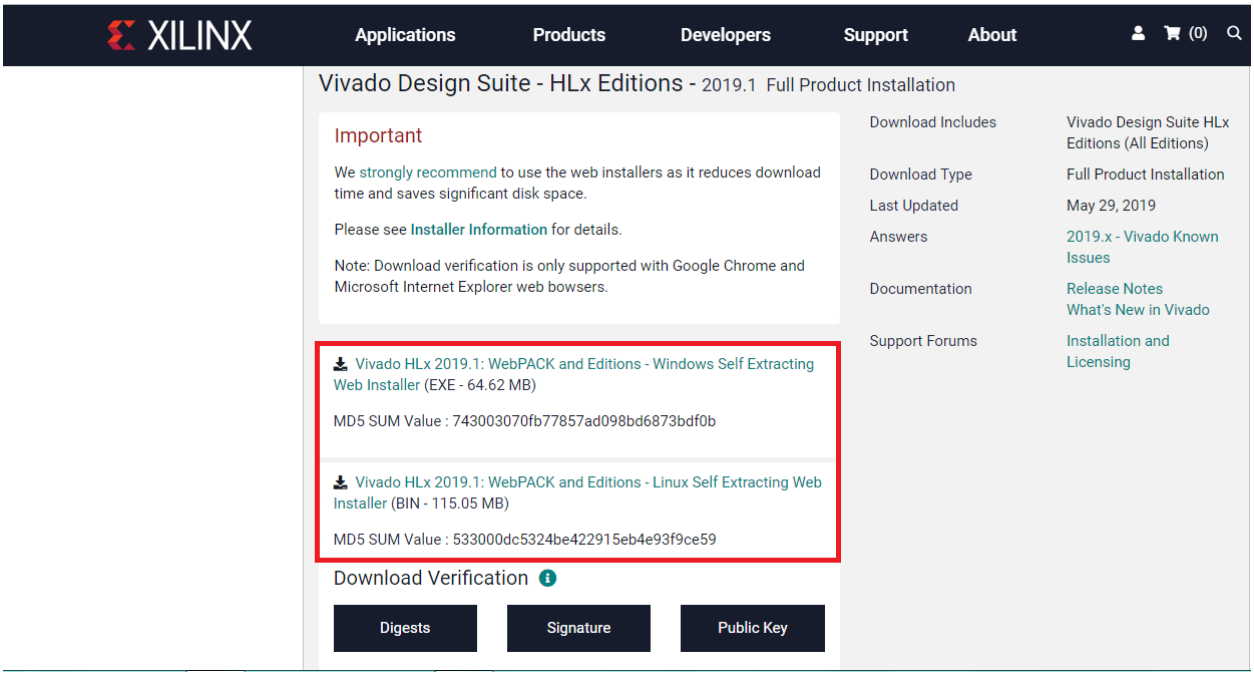
Installation of Software Tools

1. Xilinx Vivado Webpack:

The Vivado Design Suite HL WebPACK™ Edition is the FREE version of the revolutionary design suite. Vivado HL WebPACK delivers instant access to some basic Vivado features and functionality at no cost.

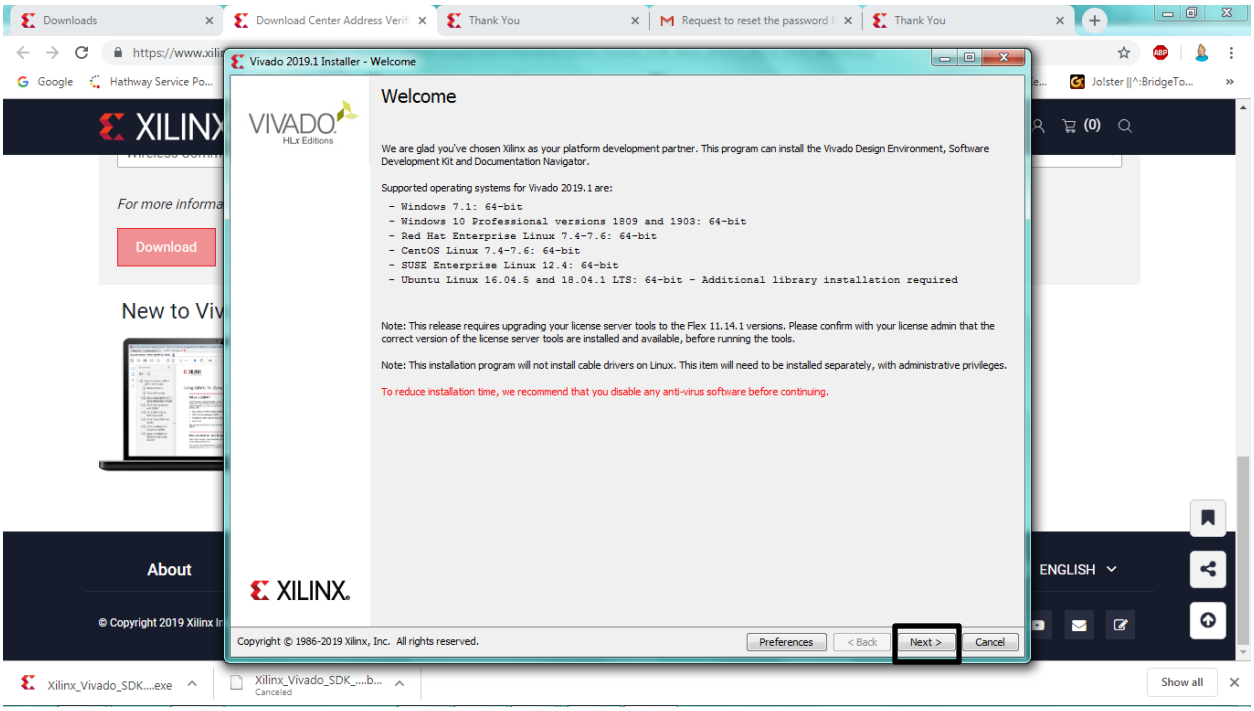
Installation Process:

1. Go to https://www.xilinx.com/support/download.html and download “Vivado Design Suite - HLx Editions - 2019.1 Full Product Installation”. Download the web installer applicable to your OS(Windows/Linux)

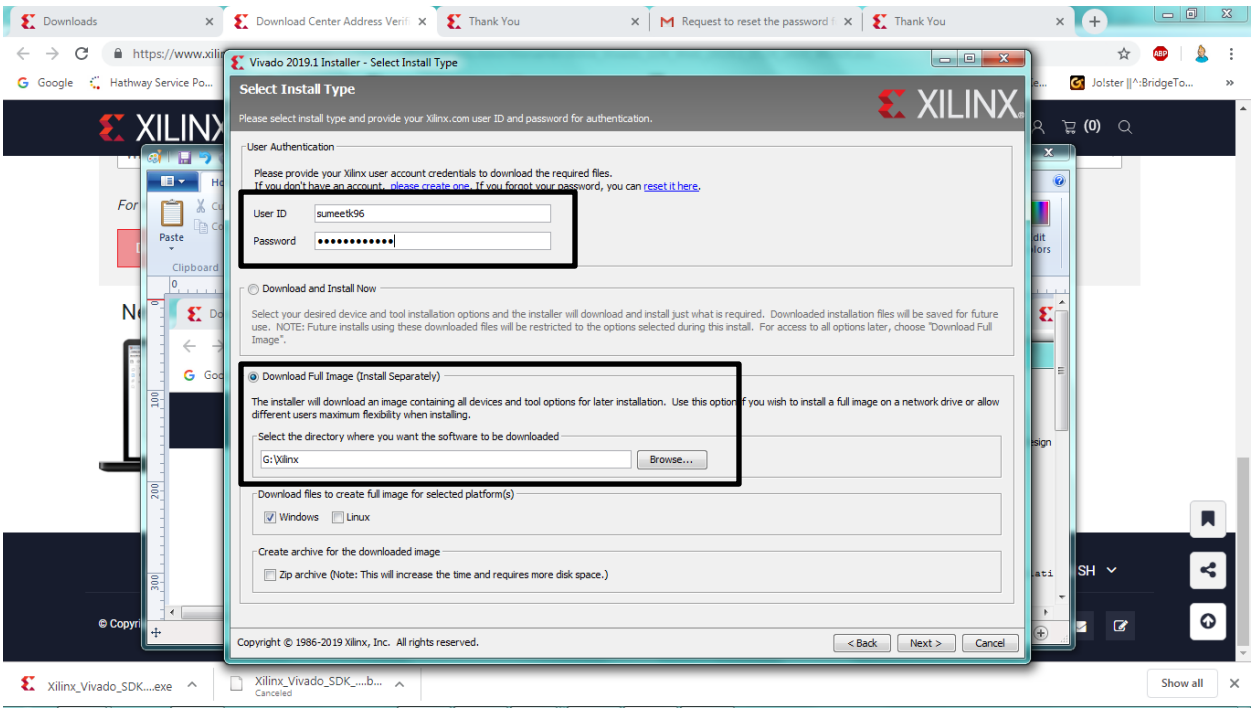


2. You will be asked to sign in to your Xilinx account. If you do not have a Xilinx account, create one and sign in. Your download will begin.
3. Open the downloaded installer.

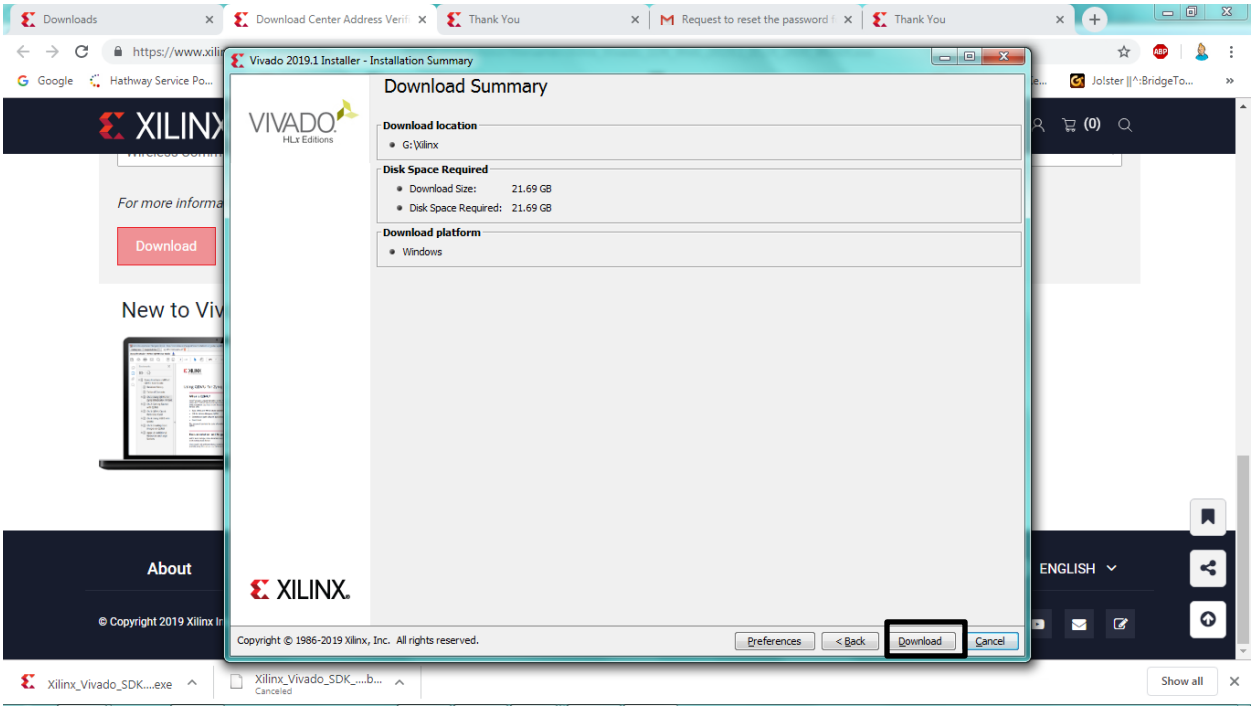
4. Click Next



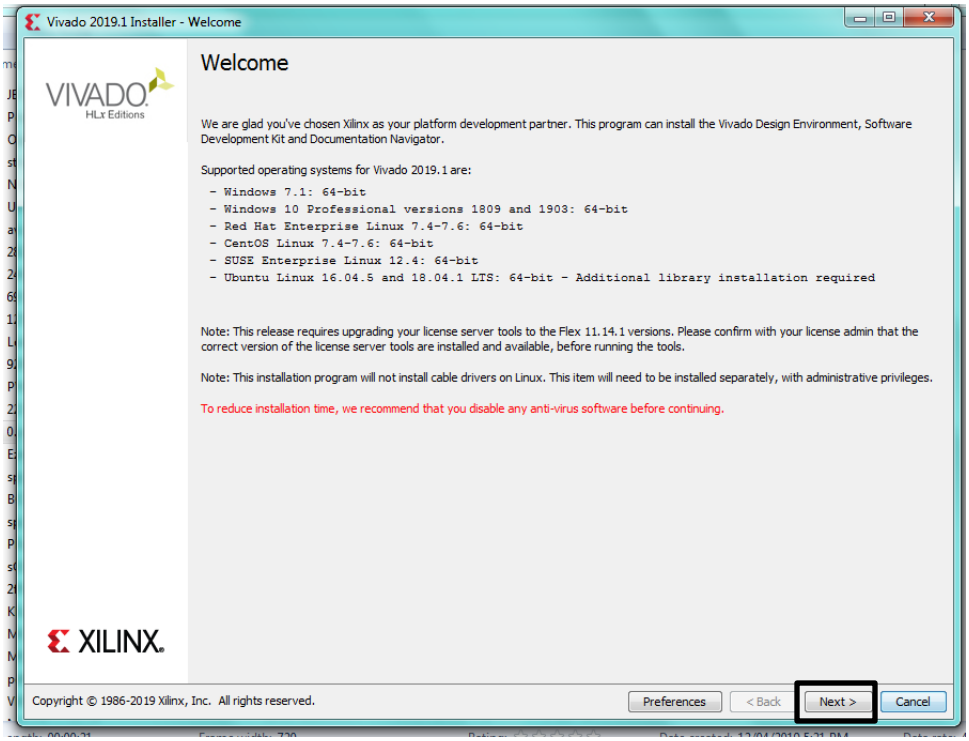
5. Enter your Xilinx user ID and password. Then click on download full Image. This will enable you to install the softawre on multiple devices with a single download. Navigate to a directory with at least 25 GB of space. Click Next.



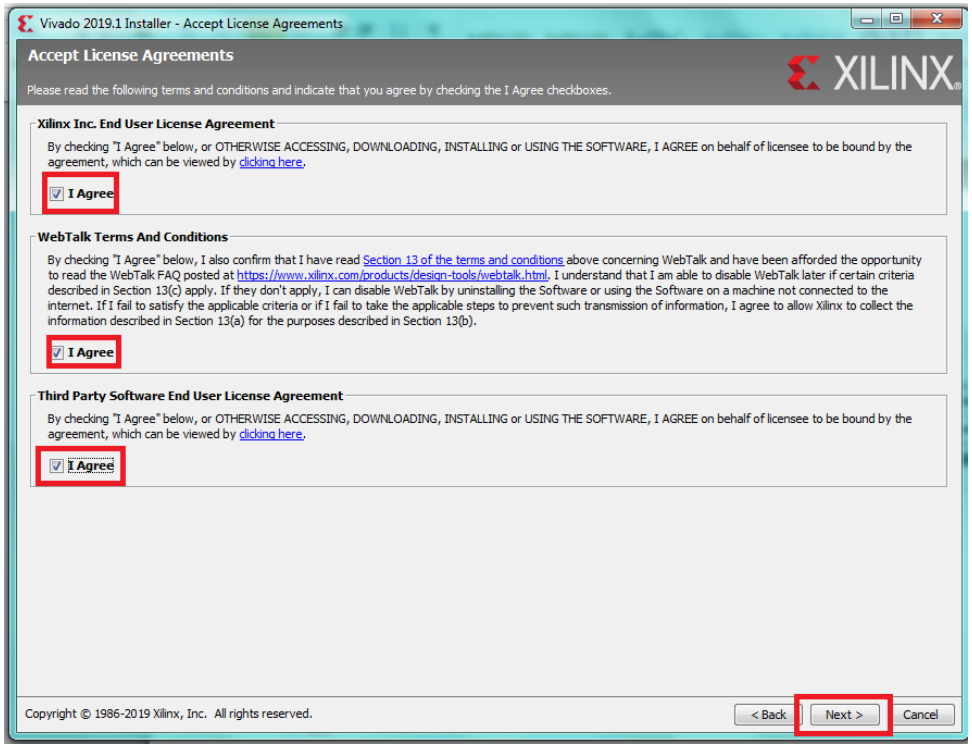
6. Click Download.



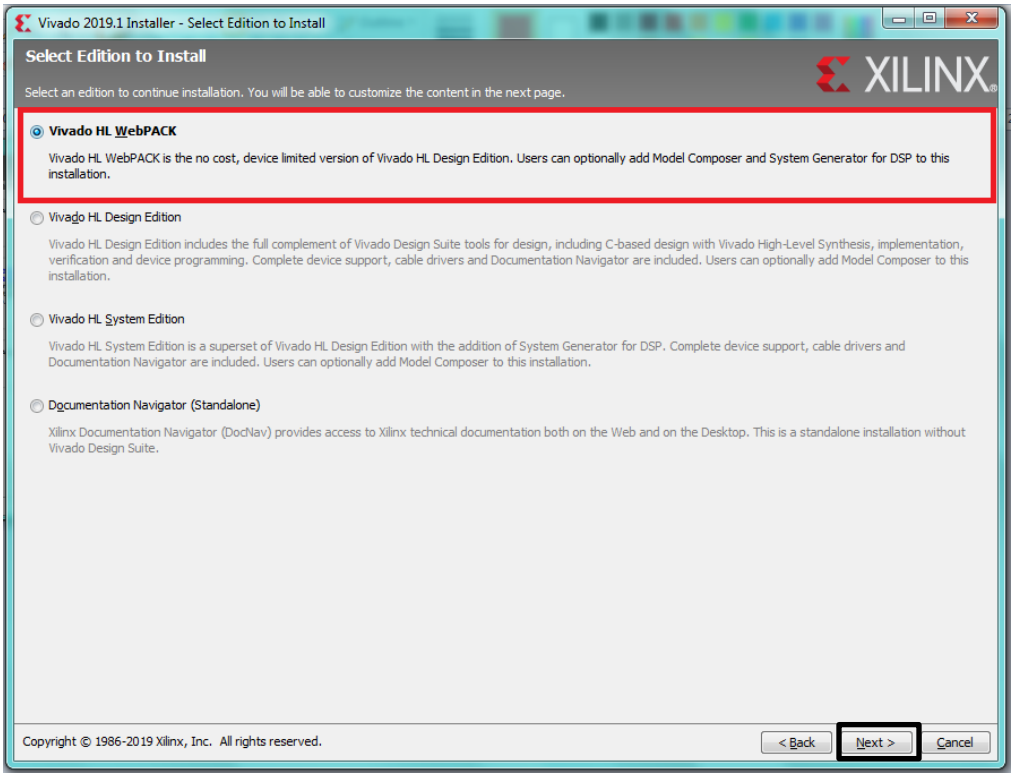
7. Your Image will now be downloaded.
8. Once the download is complete, navigate to the directory where you downloaded the image.
9. Open xsetup.exe and click next.



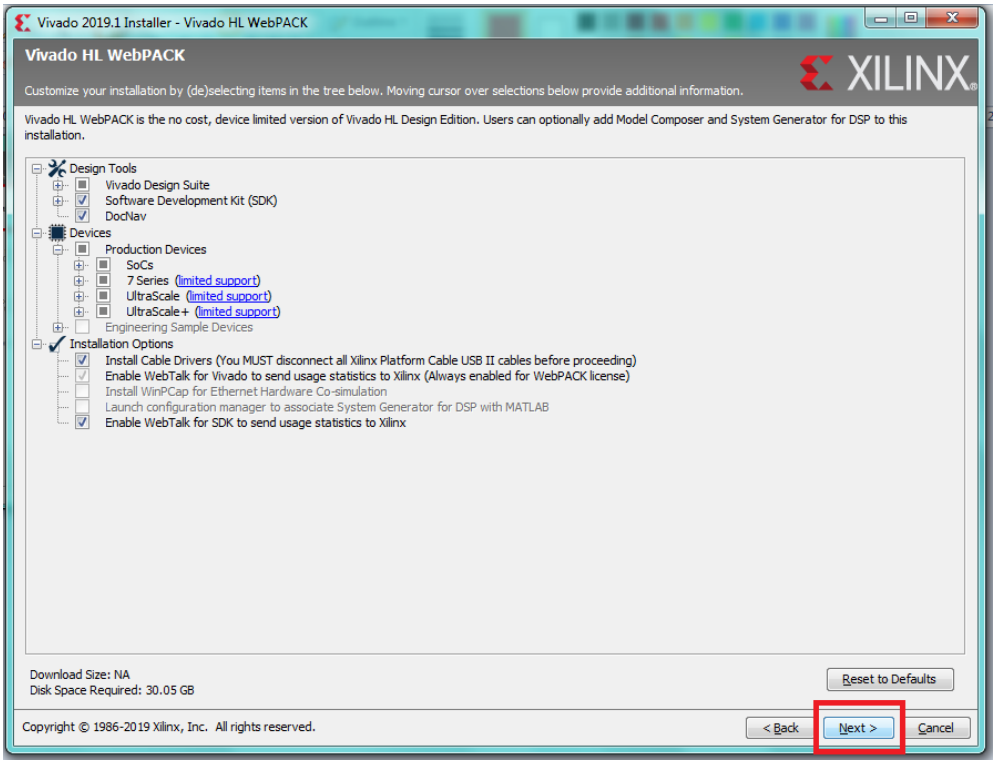
10. Check all boxes to agree and click next



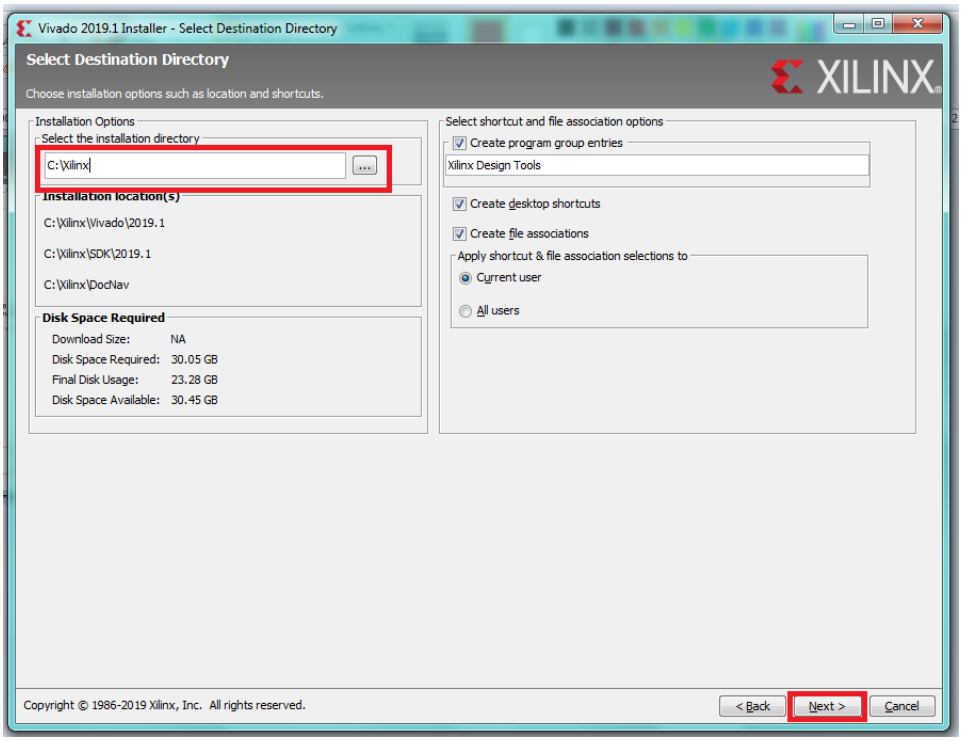
11. Select Vivado HL Webpack



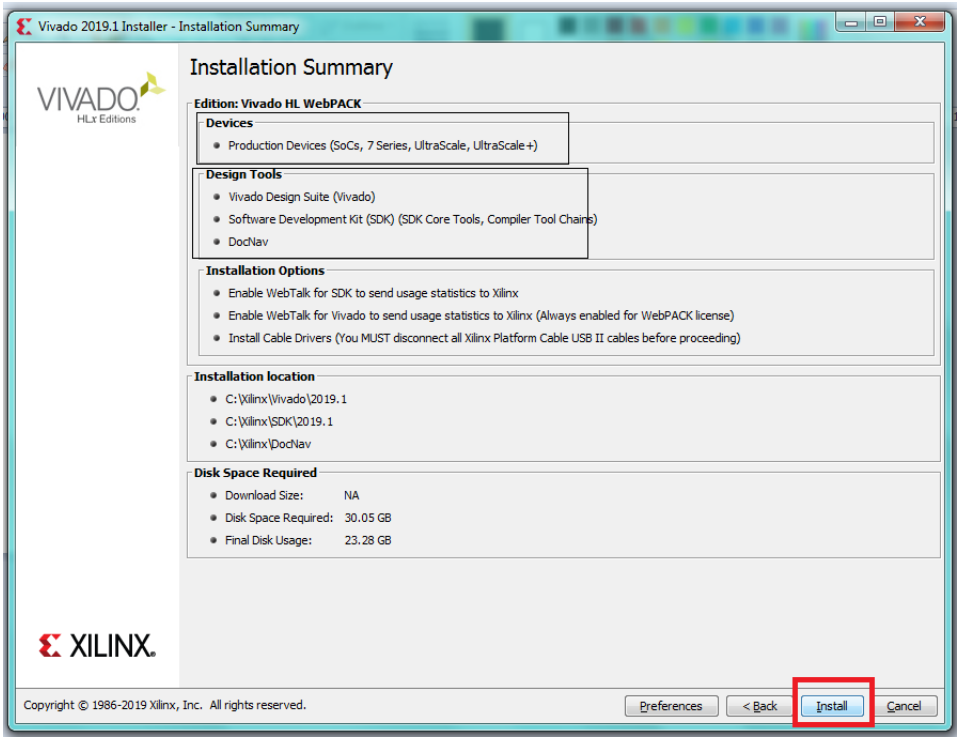
12. Click next



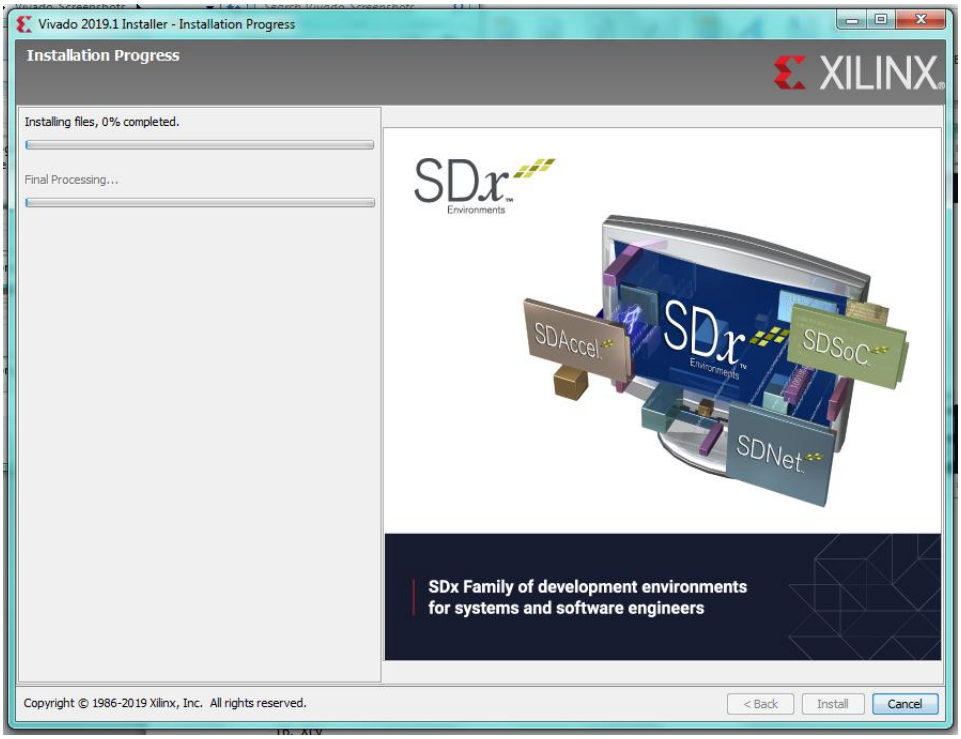
13. Navigate to desired directory for installation or keep directory as it is. Click next



14. Verify the packages being installed and click install.

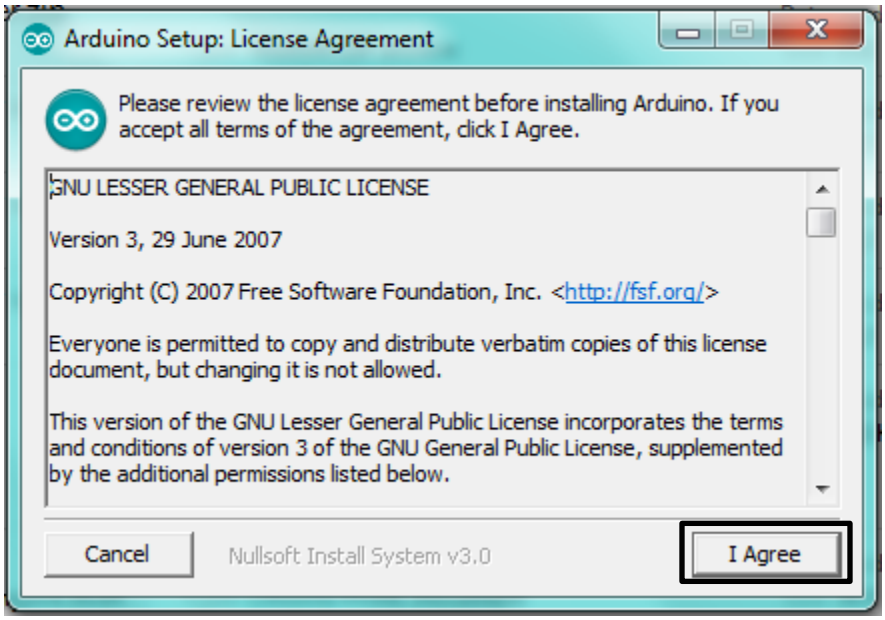


15. Track the progress of the installation and click yes to any prompt that appears such as USB driver installation.

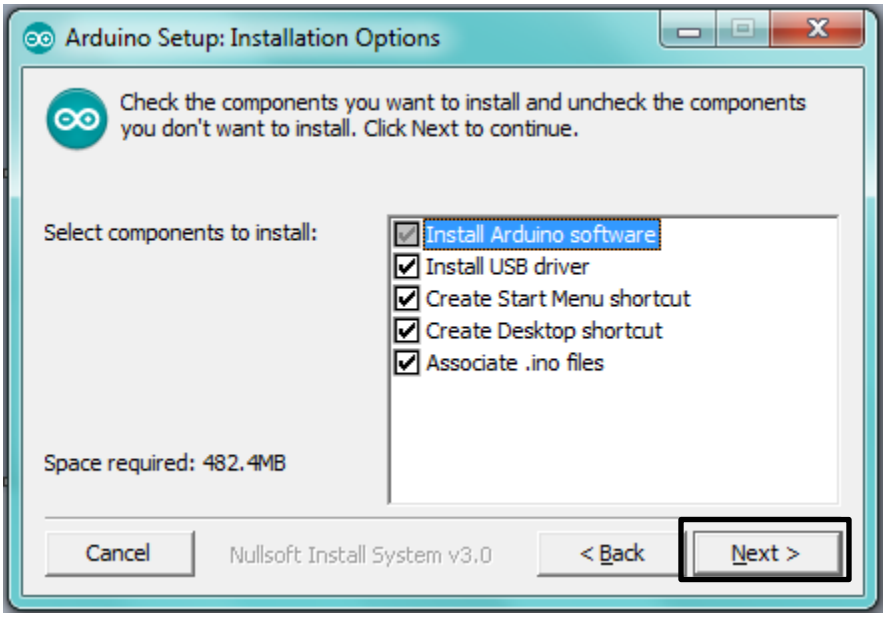


2. Arduino IDE

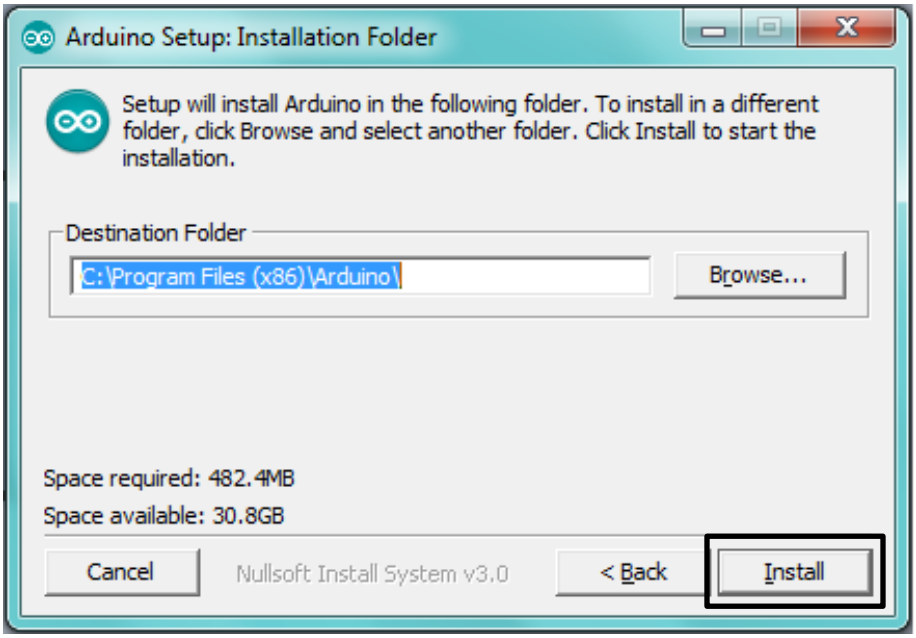
1. Go to https://www.arduino.cc/en/Main/Software and download the installed suited for your OS.
2. Click I Agree



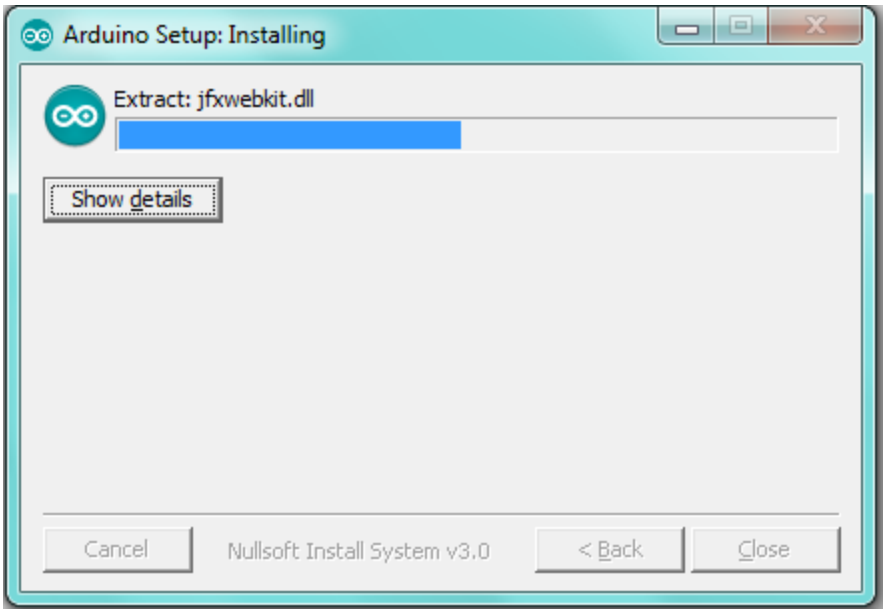
3. Click Next



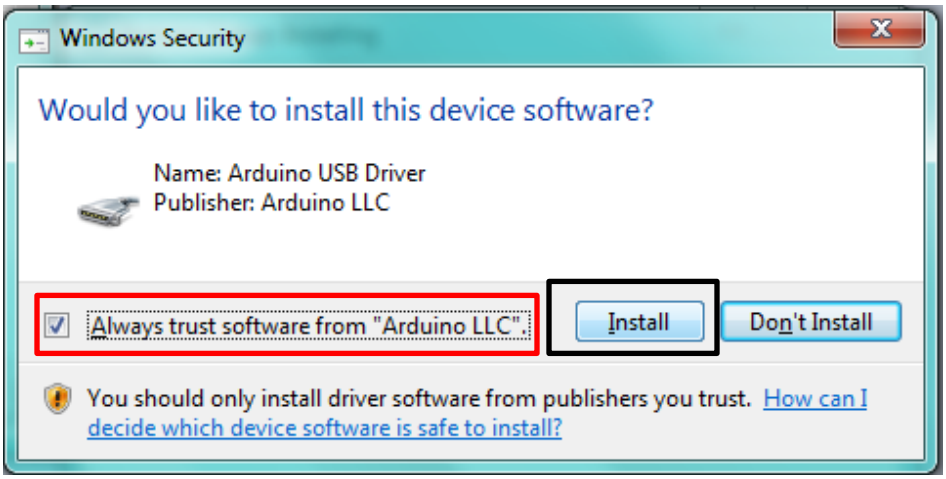
4. Click Install



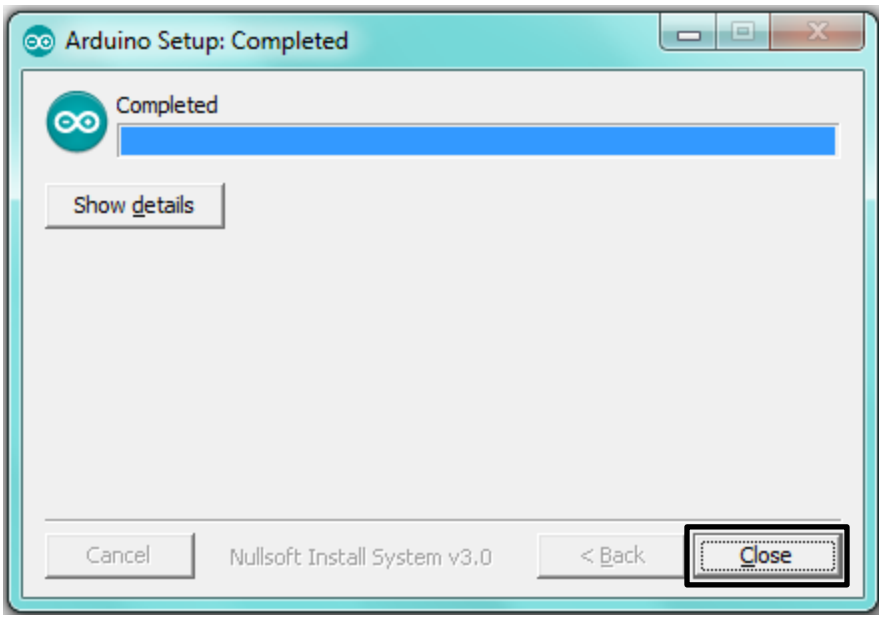
5. Setup will now install Arduino on your machine



6. Click Install to driver software. Also check the “Trust Software” Box



7. Arduino has successfully been installed in your computer. Click close


Arduino Setup: Completed
Completed
Show details
Cancel
Nullsoft Install System v3.0
< Back
Close