

ENGR 2323 Digital Design Lab

Installing Intel Quartus Prime Lite v18.1

Following are the steps to install Intel Quartus Prime Lite v18.1.

Download the Software Installer

Go to the web page for the Intel® Quartus® Prime Lite Edition Design Software Version 18.1. You can do an internet search for Quartus Prime and then select the correct version to download or use the link below.

<https://www.intel.com/content/www/us/en/software-kit/665990/intel-quartus-prime-lite-edition-design-software-version-18-1-for-windows.html>

If you performed an internet search, you should get a page like Figure 1. Click on the result.

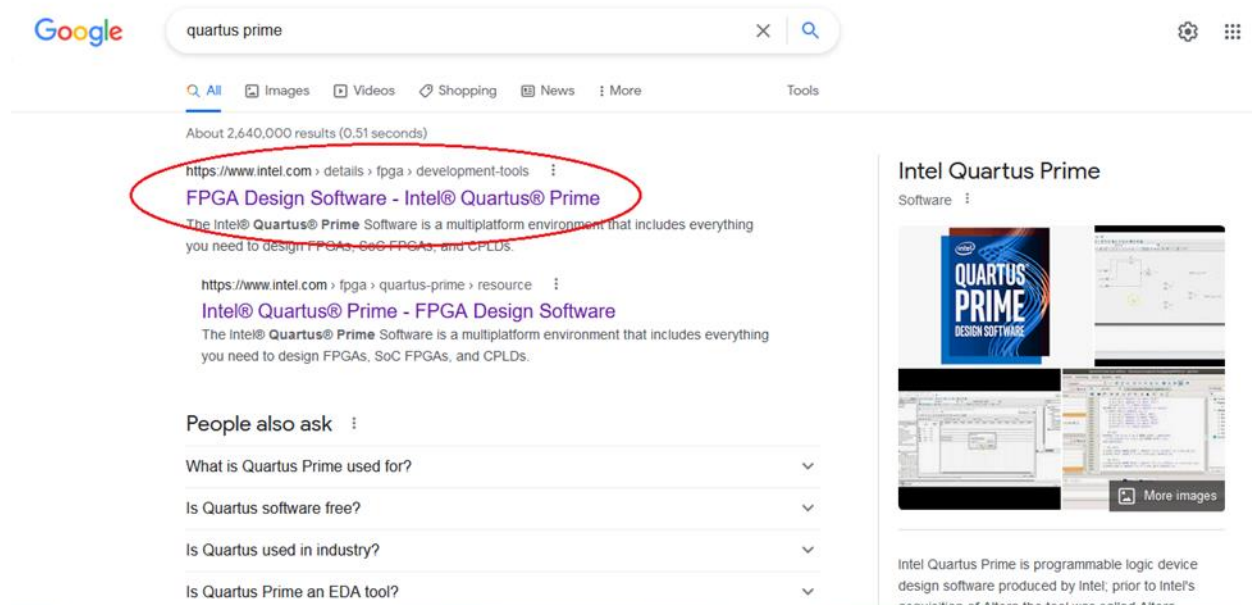


Figure 1. Quartus Prime Search Result

From the Intel page, click on the “Downloads” tab, then choose the option below “Lite Edition” for your operating system. The rest of this document assumes Windows 10 (Figure 2).

Next, click on the “Version” drop down box, and select “18.1” and download the “Multiple Download” file (Figure 3).

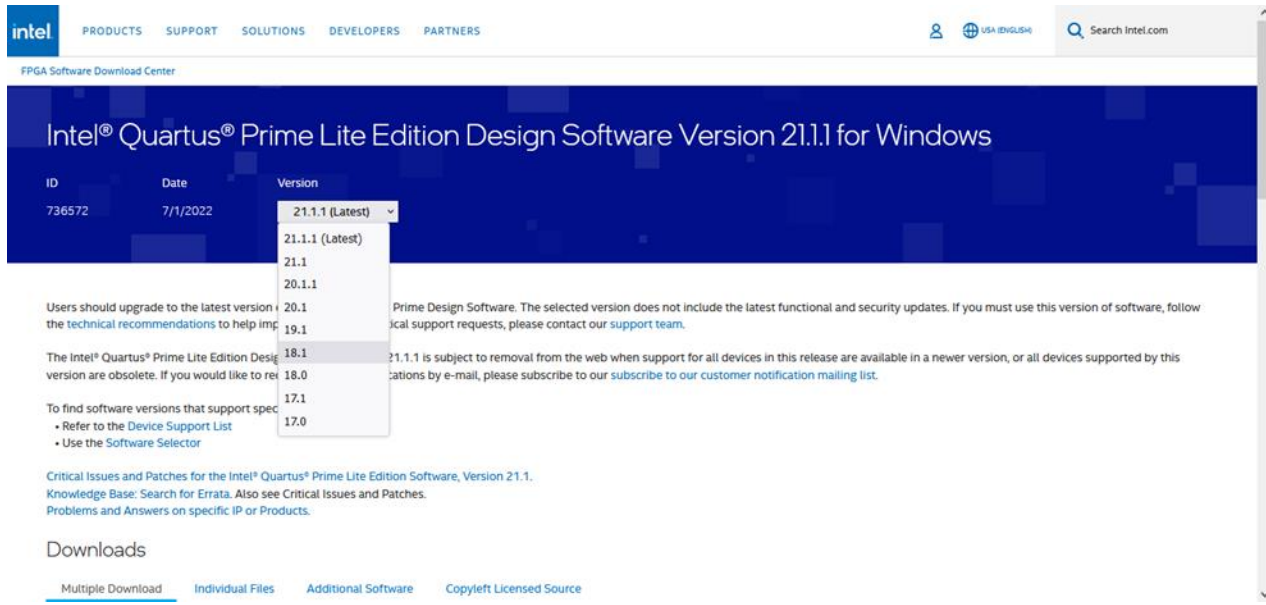


Figure 2. Selecting Quartus Prime Lite Version

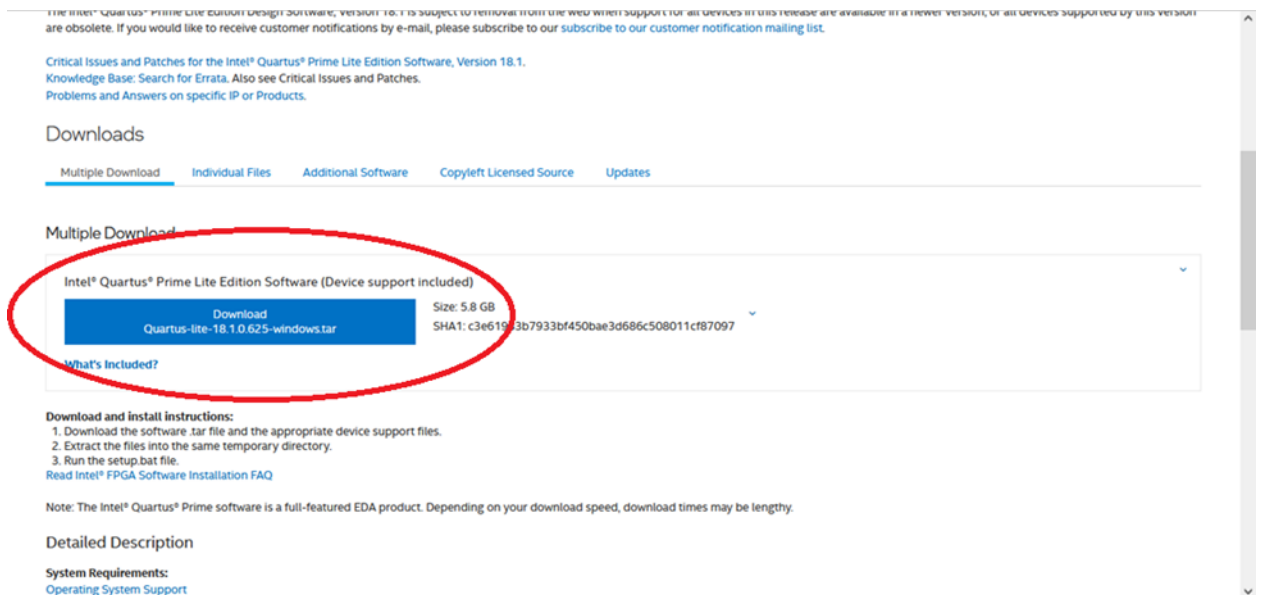


Figure 3. Installer Download Page

After the installer file is done downloading, you need to extract the installation files from the zipped download (use a software package such as 7zip to extract the installation files). Extract the files to the computer's desktop.

Once the files are extracted, run "setup.bat", this will start the installation process.

Install the pre-selected software, and make sure to download the USB Blaster drivers at the end, as those are necessary to connect to the DE10 board.

When running Quartus Prime Lite for the first time, it will ask what you want to do, just select to run Quartus Prime software.

When fully installed, the program will look like Figure 4.

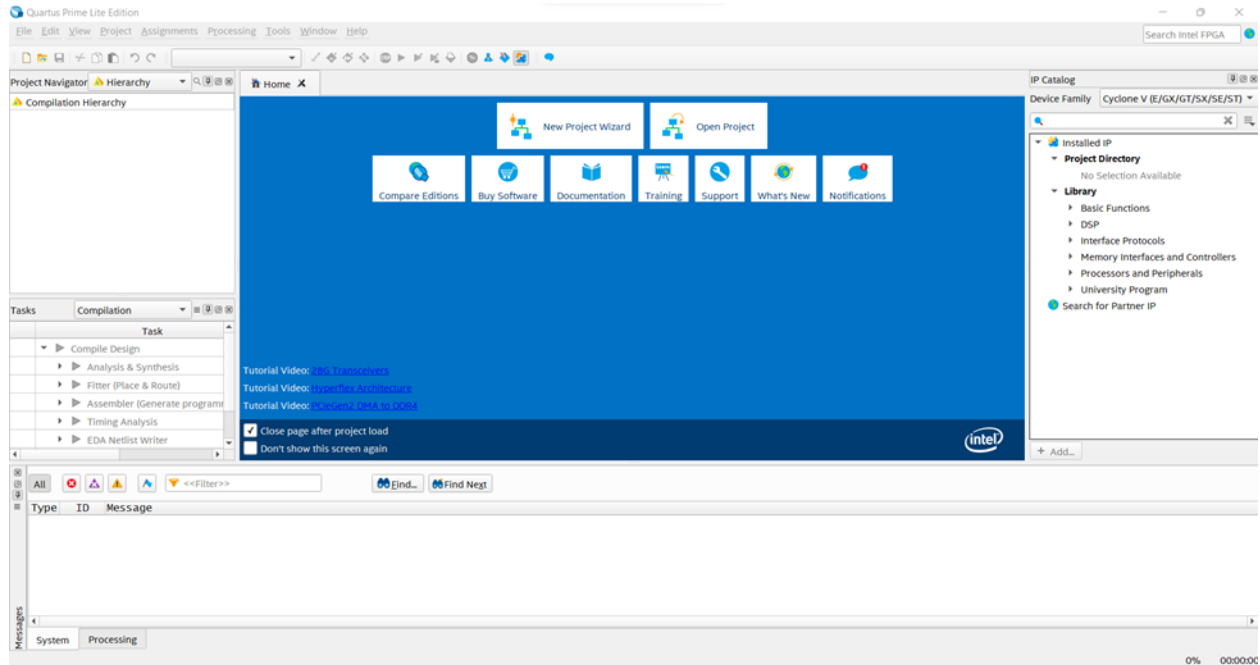



Figure 4. Intel Quartus Prime Lite Software Screen

Last modified Friday, August 12, 2022

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