

Downloading Quartus 18.1 Lite

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To begin, you will need to create a login for the Intel website. This will require you to enter your RIT email to confirm you are a student and verify your correct email address.

Download Quartus Prime and Supporting files

Search the Intel website for *Quartus Prime LITE* software download center or use the link below.

<https://fpgasoftware.intel.com/?edition=lite>

You should now see something similar to Figure 1.

Confirm you are downloading Quartus Prime Lite Edition, release 18.1. Be sure to choose version 18.1, as it supports the university program and the DE1-SoC development board.



Figure 1: Download Center

You will need to download the following files:

- Quartus Prime Lite Edition Software
- Quartus Prime (includes NIOS II EDS)
- ModelSim-Intel FPGA Edition
- Cyclone V Device Support
- Quartus Prime Programmer and Tools

**** Note **** If you do not already have a tool to unzip or untar files you will need to download one. For windows machines it is recommended you use WinZip.

Follow Intel Download Instructions

Follow the instructions provided by Intel for completing the software download process.

Download and install instructions: [▲ Less](#)

1. Download the software .tar file.
2. Extract the files into the same temporary directory.
3. Run the **setup.bat** file.

Accept license agreement and defaults. Begin install.

When install is complete, keep default and launch USB blaster II driver installation as shown in Figure 2.

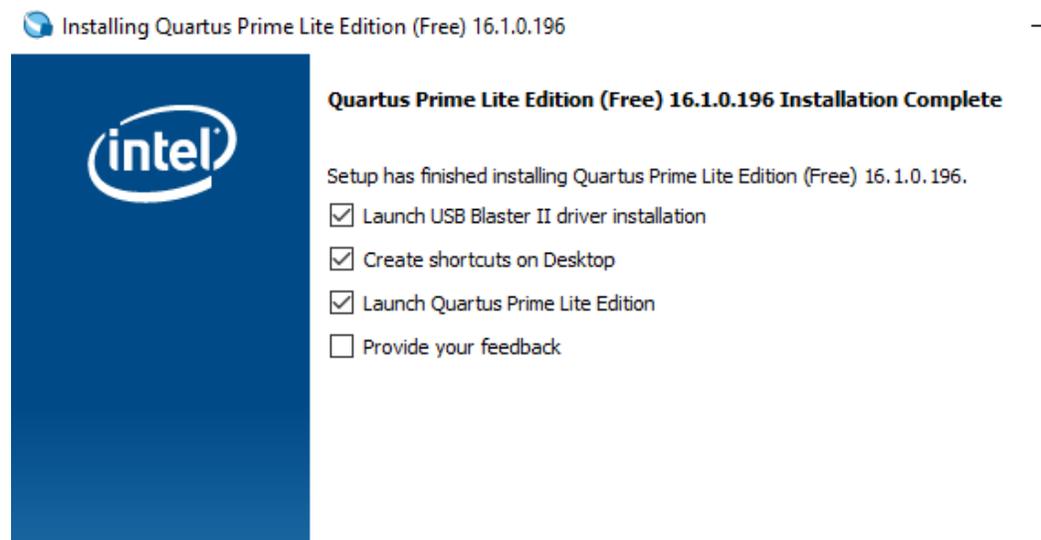


Figure 2: Launching USB Install

This will begin the install of the USB Blaster driver. You will need this to connect your PC to your development board.

Launch Quartus

Once this install is complete you can launch Quartus from your start menu.