

How to install Quartus 15.1



Computer Architecture course - fall 2017

Sharif University of Technology

Department of Computer Engineering

Required Files

Windows

Quartus : <ftp://cabinet.ce.sharif.edu/Courses/computer%20architecture/misc/QuartusLiteSetup-15.1.0.185-windows.exe>

Modelsim: <ftp://cabinet.ce.sharif.edu/Courses/computer%20architecture/misc/ModelSimSetup-15.1.0.185-windows.exe>

Libraries: <ftp://cabinet.ce.sharif.edu/Courses/computer%20architecture/misc/cyclonev-15.1.0.185.qdz>

Linux

Package: <ftp://cabinet.ce.sharif.edu/Courses/computer%20architecture/Quartus-lite-15.1.0.185-linux.tar>

macOS

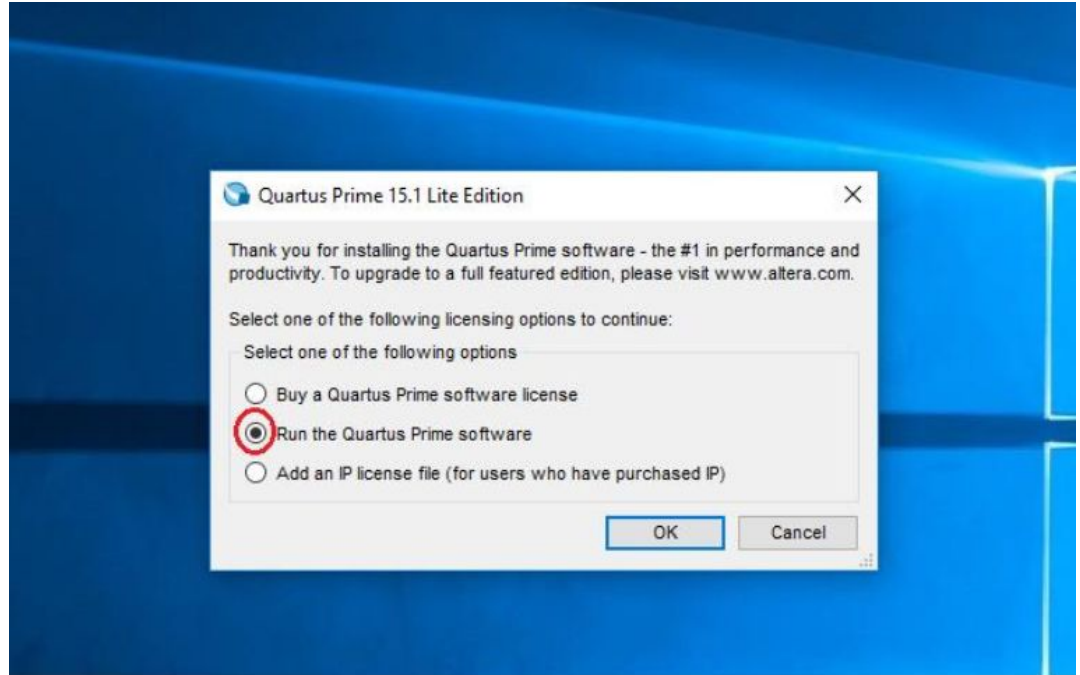
Use a Virtual Machine to run Windows version (e.g. Parallels desktop)

Installation Process

- Place all downloaded files (if there is more than one file) in the same folder and run **Quartus installer** (not Modelsim installer).
- Just press next, next and so on :) . Do not change any of the installer options.
- The installer will install Quartus prime, Modelsim altera and required libraries altogether.

After Installation, First run

On the first dialog after installation choose **Run the Quartus Prime software** option and press **OK**.



Manual Installation of Libraries

If you've followed the Instructions exactly Device libraries should already be installed.

If you installed Quartus in another manner, you'll need to install device libraries manually.

Download Libraries

Windows

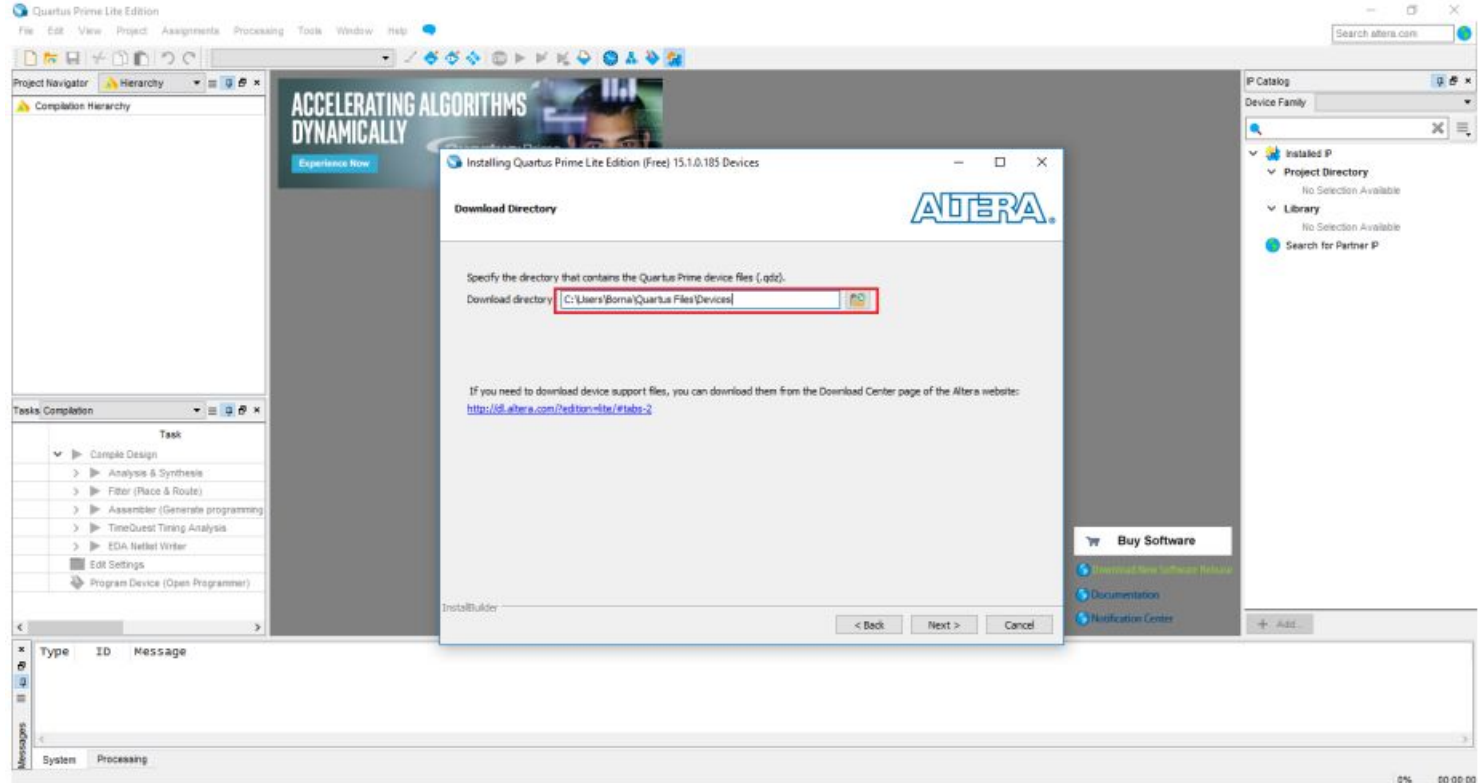
<ftp://cabinet.ce.sharif.edu/Courses/computer%20architecture/misc/cyclonev-15.1.0.185.qdz>

Linux

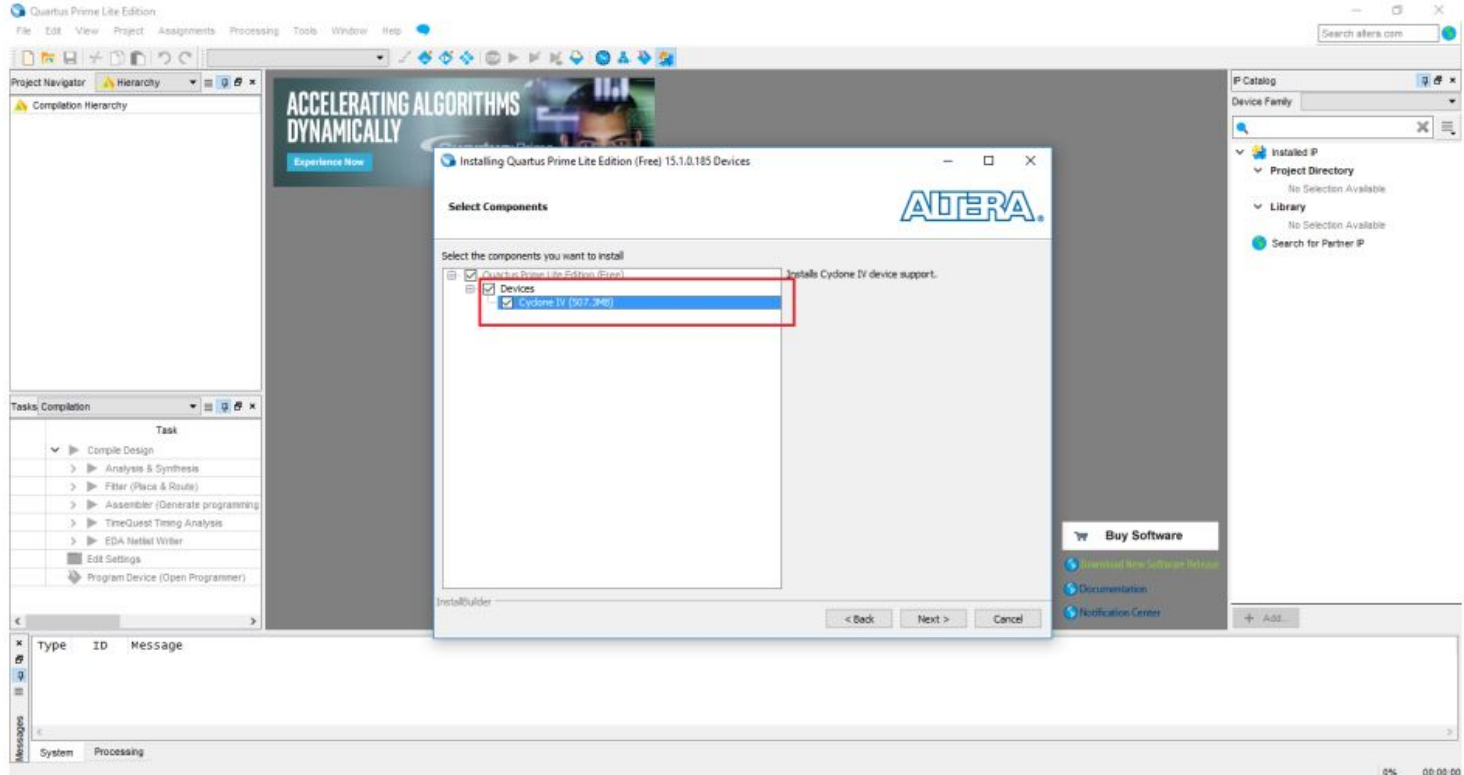
(In the same compressed file as Quartus software)

Manual Installation of Libraries (cont.d)

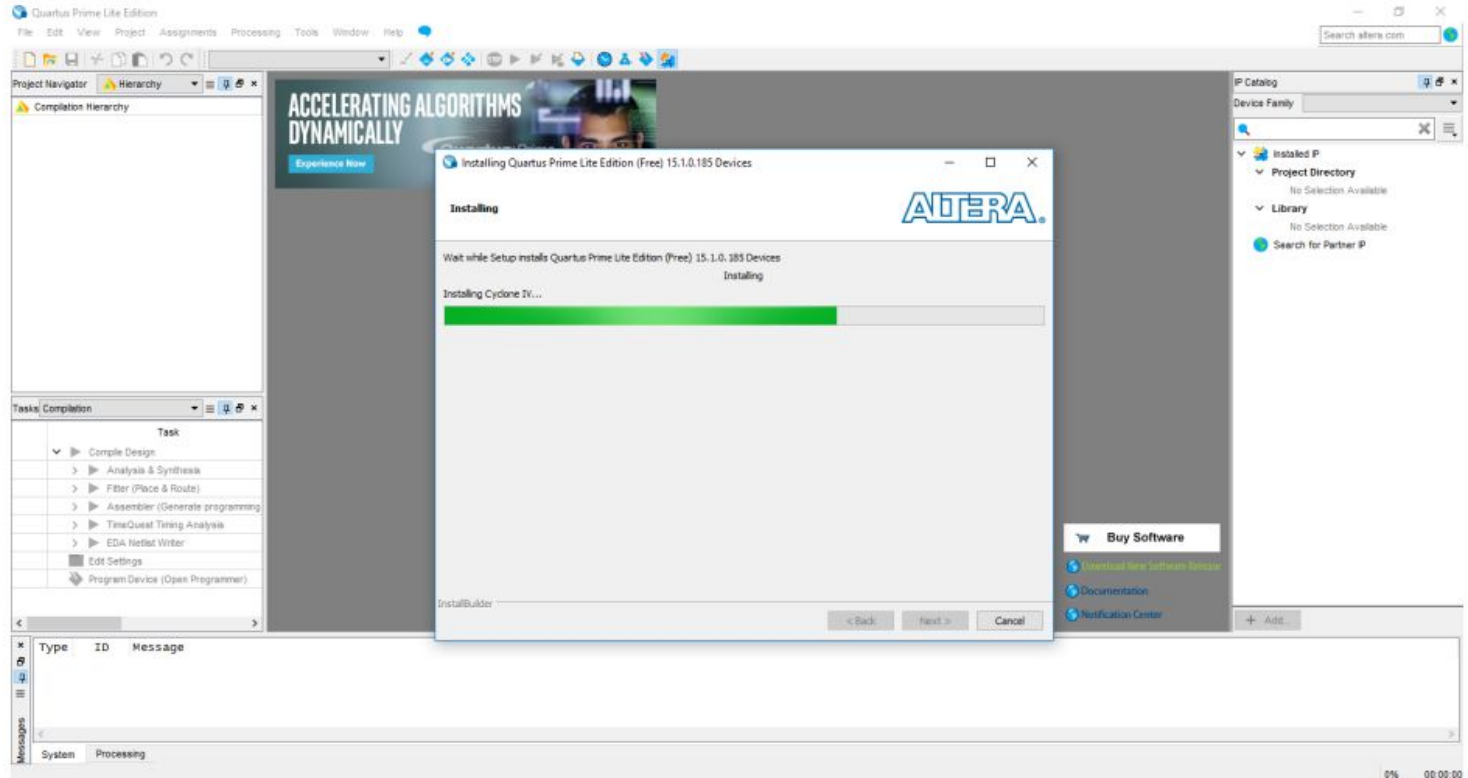
Run Library
installation
executable
and follow the
instructions:



Manual Installation of Libraries (cont.d)



Manual Installation of Libraries (cont.d)



Manual Installation of Modelsim

If you've followed the Instructions exactly Modelsim software should already be installed.

If you installed Quartus in another manner, you'll need to install device libraries manually.

Download Libraries

Windows

<ftp://cabinet.ce.sharif.edu/Courses/computer%20architecture/misc/ModelSimSetup-15.1.0.185-windows.exe>

Linux

(In the same compressed file as Quartus software)

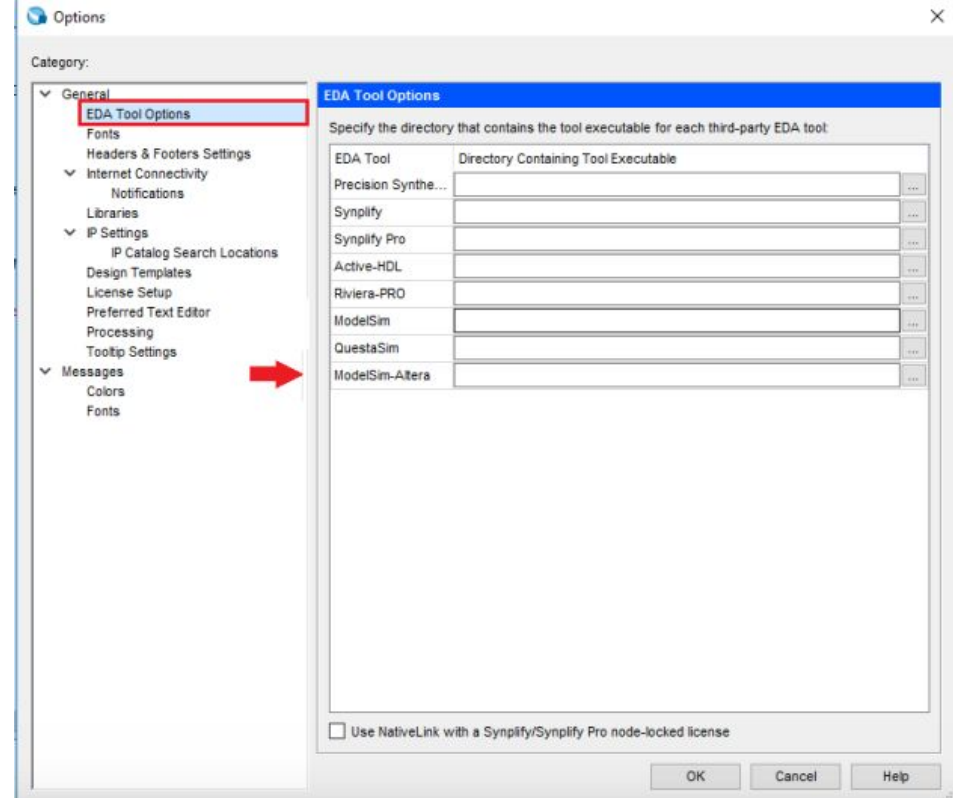
Manual Installation of Modelsim (cont.d)

Run Modelsim installer and complete the installation process.

Add Modelsim to Quartus Executables

In Quartus software go to Tools menu > Options > EDA Tool Options

Add {Modelsim_installation_path}/bin to Modelsim-Altera field.



Congratulations !

Quartus Prime software is properly configured and ready!