

Quartus Prime Installation Tutorial

1.1 Quartus Prime Explanation

Intel Quartus Prime is a comprehensive software suite from Intel used for designing, synthesizing, and programming programmable logic devices (PLDs), such as Field-Programmable Gate Arrays (FPGAs) and Complex Programmable Logic Devices (CPLDs). The software provides a complete integrated development environment (IDE) for digital circuit engineers and designers.

1.2 Quartus Prime Installation

To install Quartus Prime, please follow this link and proceed to do the next procedure until finished.

[Quartus Prime Download Link](#)

Step 1 : Download the Quartus Prime Installer

Go into Multiple Download and then download the Intel Quartus Prime installer :

Multiple Download

Intel® Quartus® Prime Lite Edition Software (Device support included)


Download Quartus-lite-21.1.1.850-windows.tar	Size: 5.5 GB SHA1: f0a3c9b40eac9b1e56959e7d1a9aeb922ef3c533
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What's Included?
** Nios® II EDS on Windows requires Ubuntu 18.04 LTS on Windows Subsystem for Linux (WSL), which requires a manual installation.
** Nios® II EDS requires you to install an Eclipse IDE manually.

The link will take you into an software license agreement, just accept the terms and proceed with the download.

Step 2 : Install the Quartus Prime

Extract the zip and then Run the installation file setup.

 setup

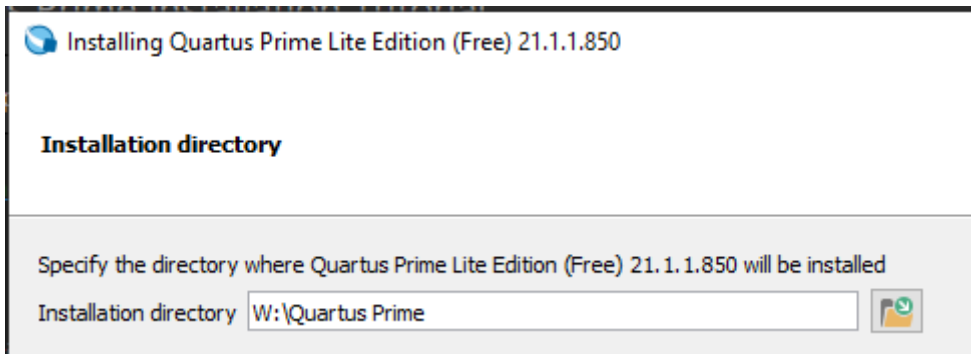
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Windows Batch File

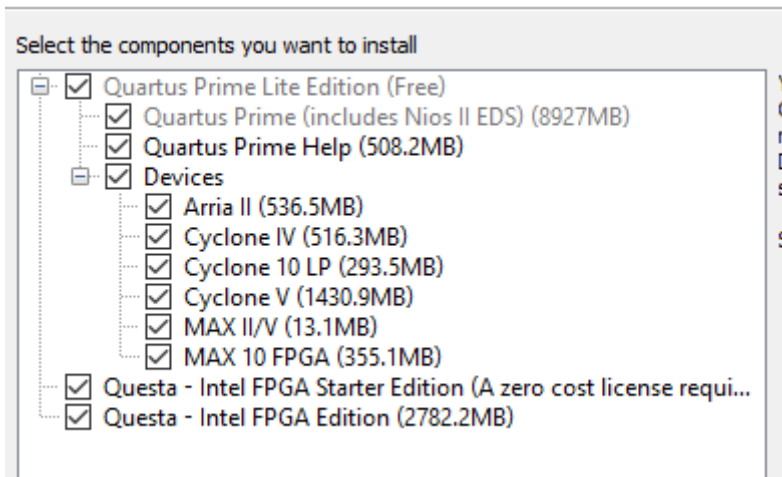
2 KB

If the installer ask you to accept the agreement just accept and proceed with the next part. And then choose the directory for where you want the Quartus Prime to be installed.

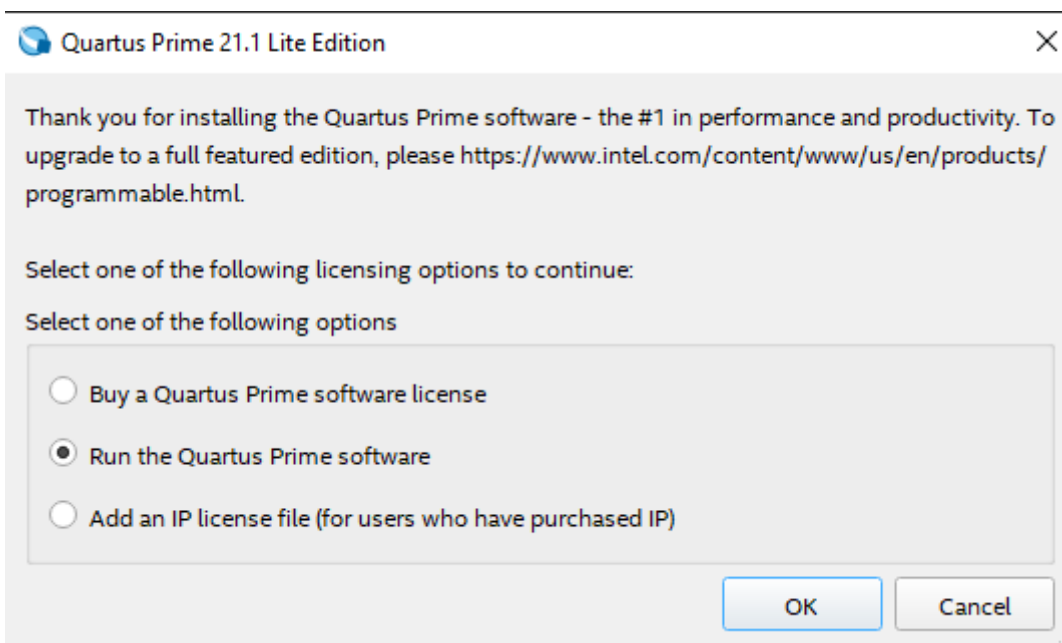
NOTE : Do not use space in the folder naming.



Check every components and proceed with the installation.



Wait until the installation is finished and then voila you've installed Quartus Prime. To run it just choose to run the Quartus Prime software.



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