

This document serves as quick guidelines to install Quartus Prime software for Agilex 3 Nios V lab. You may refer to ***Altera® FPGA Software Installation and Licensing*** for the complete guidelines:

<https://www.intel.com/content/www/us/en/docs/programmable/683472/25-1/installing-fpga-software.html>

For this lab, we are using Quartus Pro 25.1. Below is the link for Quartus software download:

<https://www.intel.com/content/www/us/en/software-kit/851653/intel-quartus-prime-pro-edition-design-software-version-25-1-for-windows.html>

Supported Windows OS: Windows 10, Windows 11.

Supported Linux OS: Ubuntu 24.04, 22.04, 20.04.

Based on your OS, kindly choose either Linux or Windows.

The screenshot shows the Intel FPGA Software Download Center. At the top, there are navigation links: PRODUCTS, SUPPORT, SOLUTIONS, DEVELOPERS, PARTNERS, and FOUNDRY. There is also a sign-in icon, a language switch to ENGLISH, and a search bar labeled "Search Intel.com". Below the header, a banner for "Intel® Quartus® Prime Pro Edition Design Software Version 25.1 for Windows" is displayed. A dropdown menu for "Operating Systems" is open, showing options: Windows (selected), Linux, and Windows again. A yellow footer bar at the bottom of the page contains the text: "A newer version of this software is available, which includes functional and security updates. Customers should click here to update to the latest version."

Scroll down to “Downloads”, there are two modes to install: Installer and Individual Files.

Installer is a software to choose and manage which device/software components to download and install; Individual files you can manually download each component.

In this guideline, we will download the “Complete Download” at Individual Files tab (click Quartus-pro-25.1.0.129-windows-complete.tar, size 77.4 GB).

## Downloads

Installer (Recommended) Individual Files Copyleft Licensed Source

### Complete Download

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

Download Quartus-pro-25.1.0.129-windows-complete.tar Size: 77.4 GB SHA1: 54c4ed383dcb5df8f2c3b41ddb2b549d87007ad7

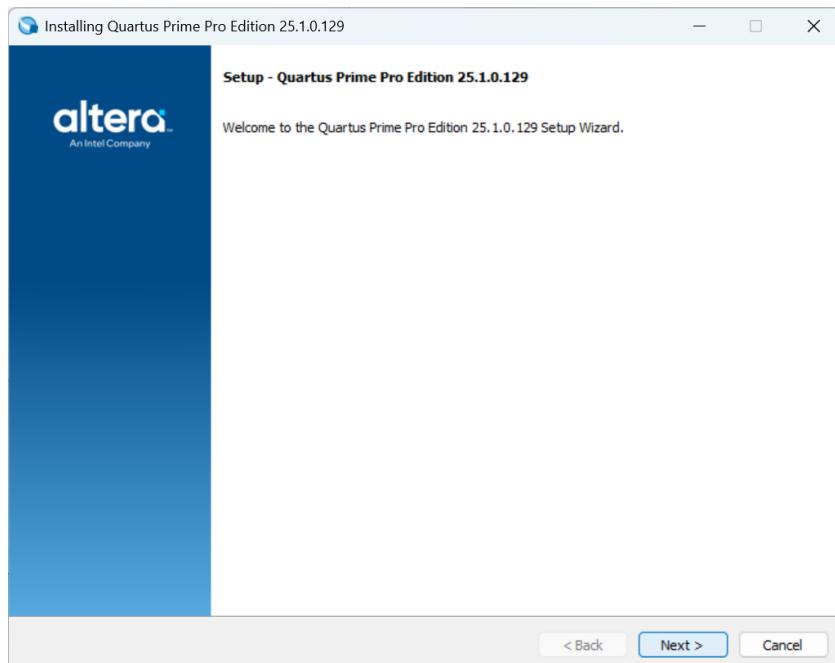
\*\* Total space required is 288.07 GB including tar file (77.39 GB), untarred files (77.39 GB) and installation (133.29 GB)  
[What's Included?](#)

After Quartus-pro-25.1.0.129-windows-complete.tar has been downloaded, unzip the file, and you can see following files:

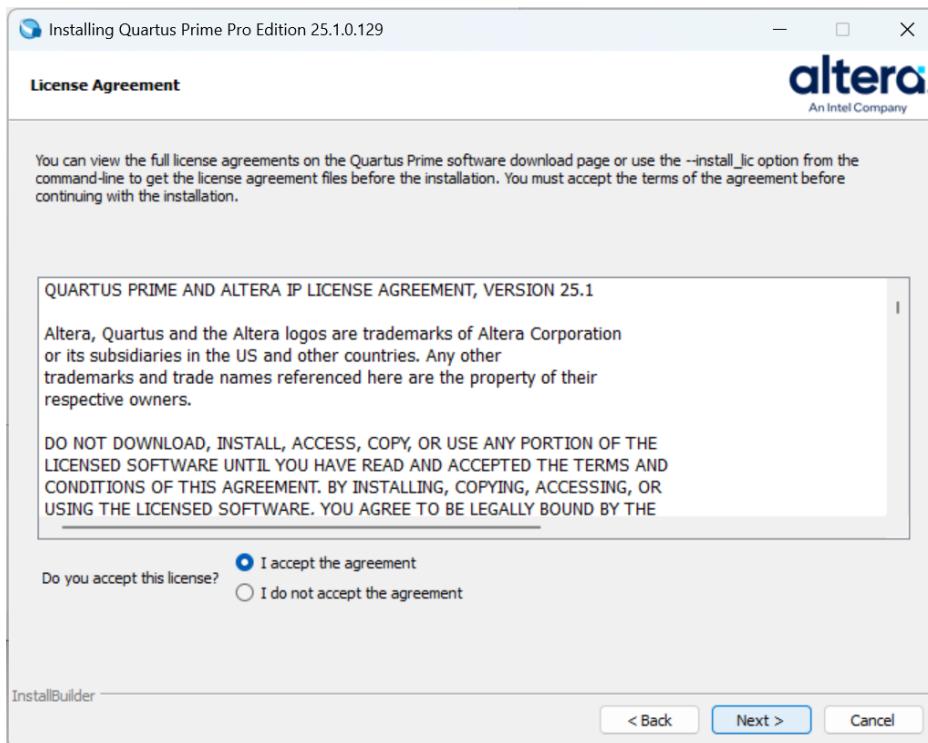
Double click “setup\_pro.bat” to start installation.

Name	Date modified	Type	Size
▼ Last week			
📁 components	08-Nov-25 03:46	File folder	
▼ Earlier this year			
📝 readme.txt	28-Mar-25 06:34	TXT File	10 KB
-setup_pro.bat	28-Mar-25 06:34	Windows Batch File	2 KB

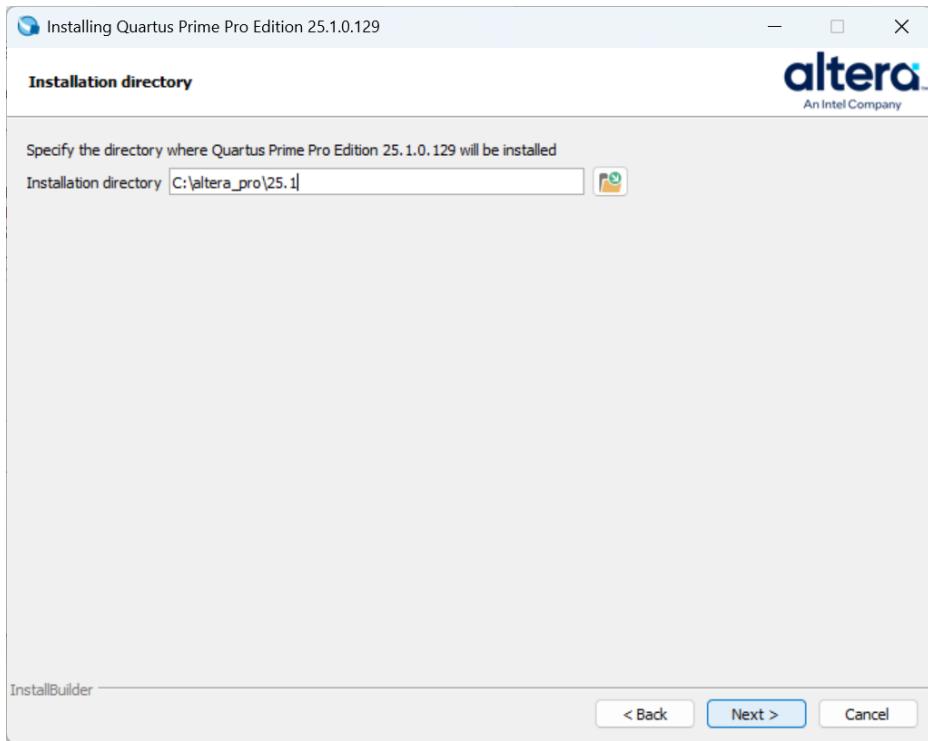
Click “Next >”:



Click “I accept the agreement”, then click “Next >”



You may specify another path for installation directory; or you may also leave it as default:



Below are the minimal components required to run the lab:

Quartus Prime Pro Edition Part 1

Quartus Prime Pro Edition Part 2

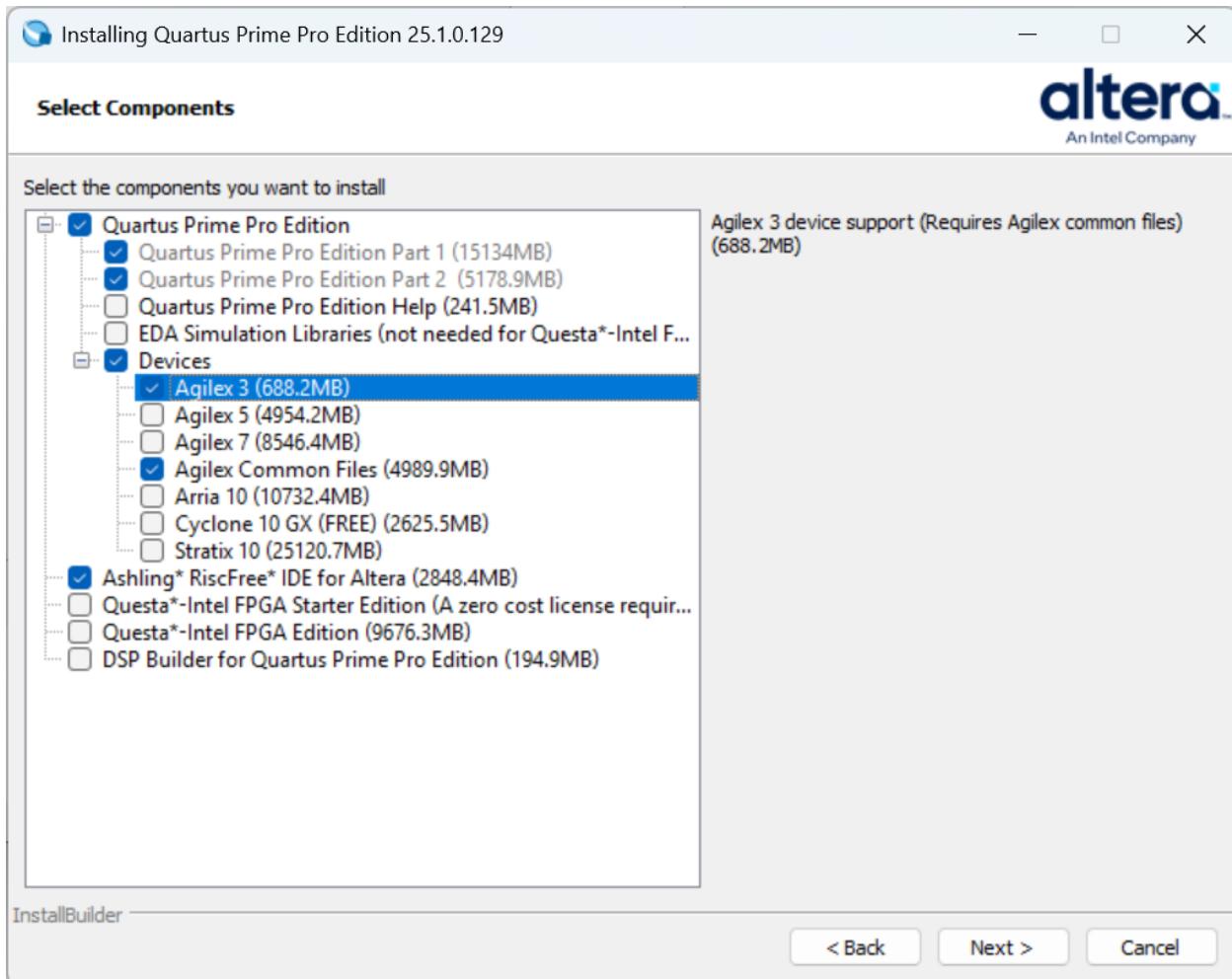
Devices – Agilex 3

Devices – Agilex Common Files

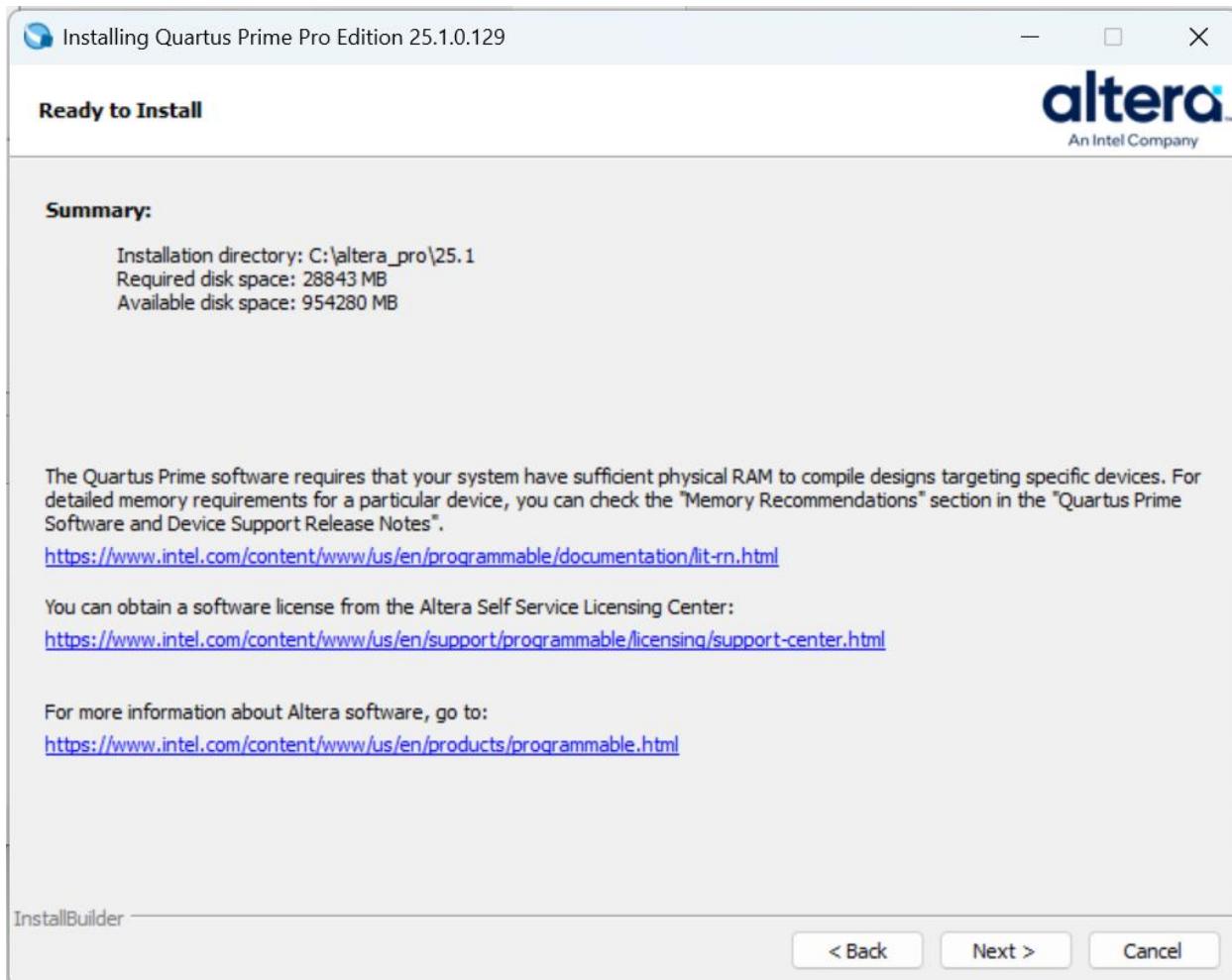
Ashling\* RiscFree\* IDE for Altera

If you are interested in other devices or IP simulation, you may just tick all boxes.

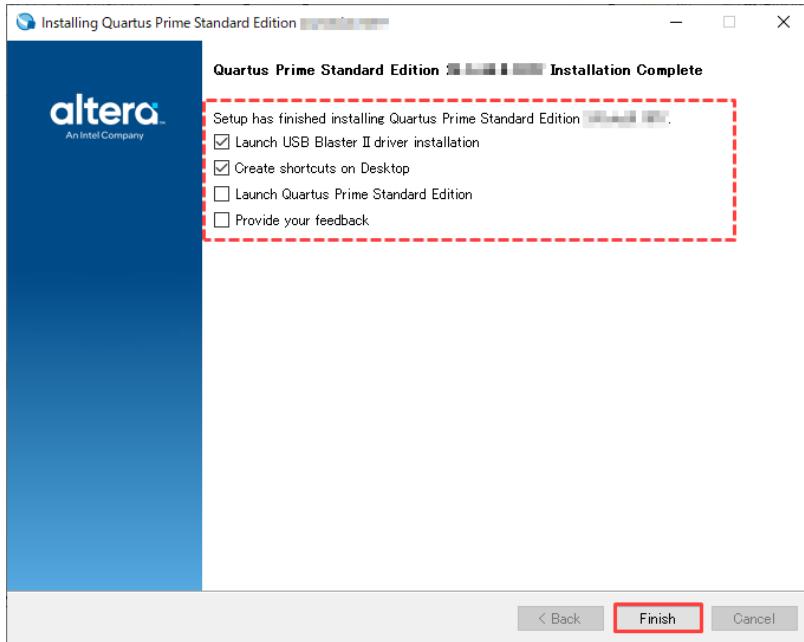
After choose the components, click “Next >”.



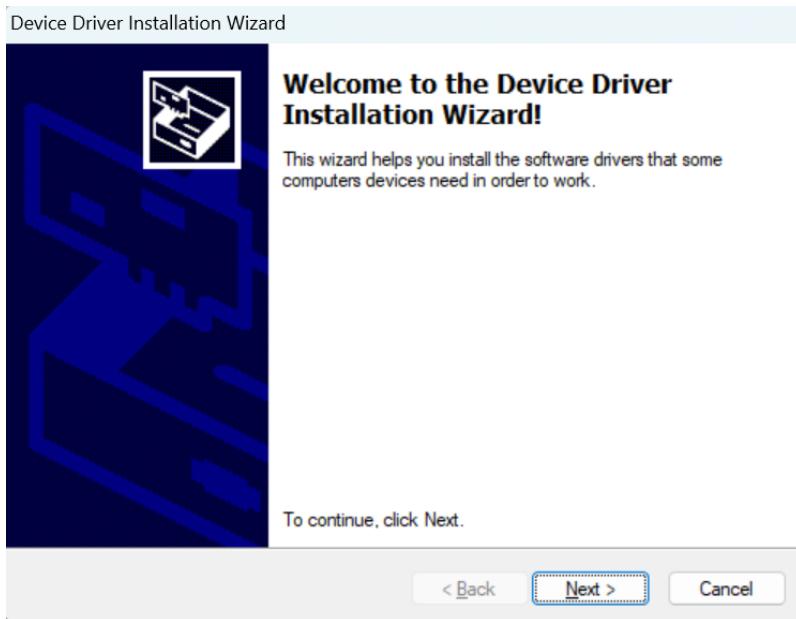
Summary shows installation directory and required disk space. Once confirmed, click “Next >”, the installation shall start.



After installation has been successfully done, you may see similar window as below (below window is a screenshot from Quartus Standard, it should be similar to Quartus Pro). Keep “Launch USB Blaster II driver installation” checked; you may choose to create shortcuts on Desktop. Then click “Finish”.



The above window will close, and a USB Blaster driver installation will start, just click “Next >” to install.



After the USB blaster driver has been installed, that finishes the installation for Quartus Pro software.