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

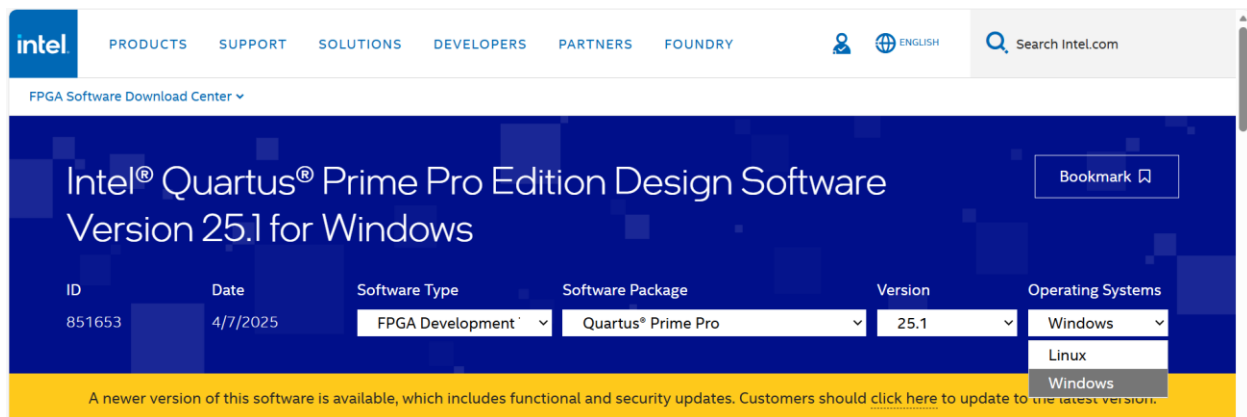For this lab, we are using Quartus Pro 25.1. Below is the link for Quartus software download:

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.

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-comlete.tar, size 77.4 GB).

Downloads

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)
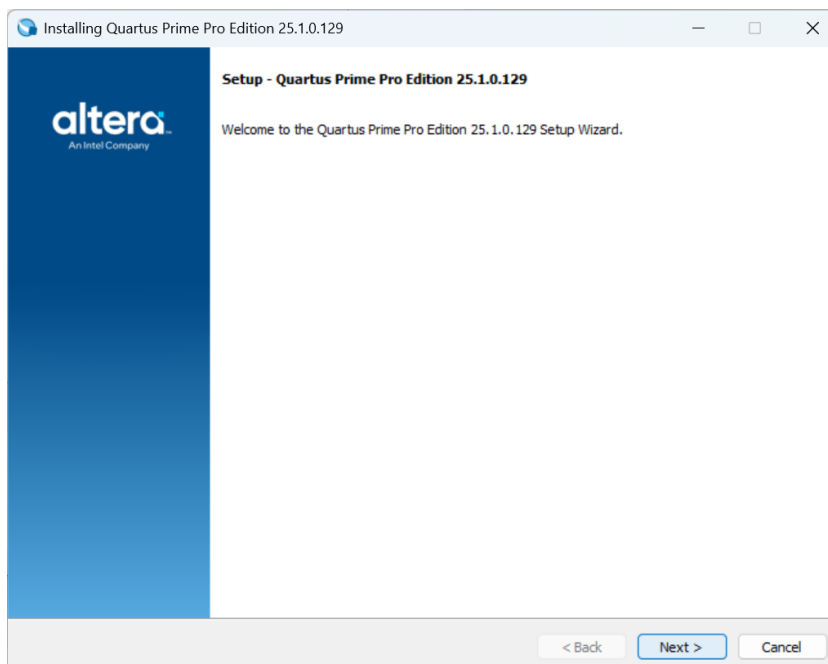
What's Included?

After Quartus-pro-25.1.0.129-windows-comlete.tar has been downloaded, unzip the file, and you can see following files:
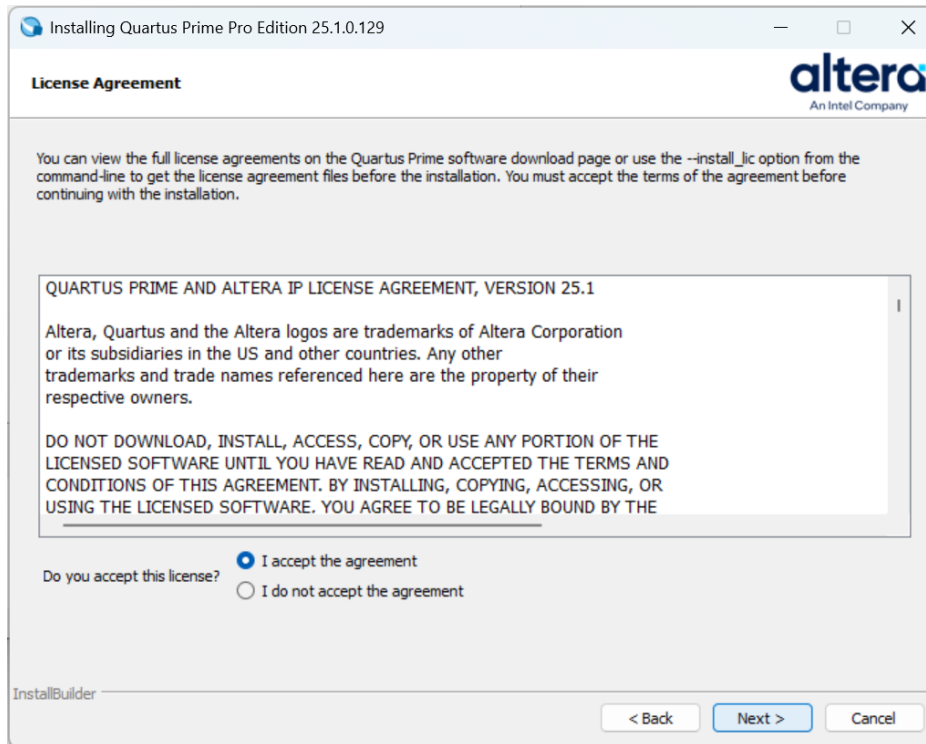
Double click "setup_pro.bat" to start installation.

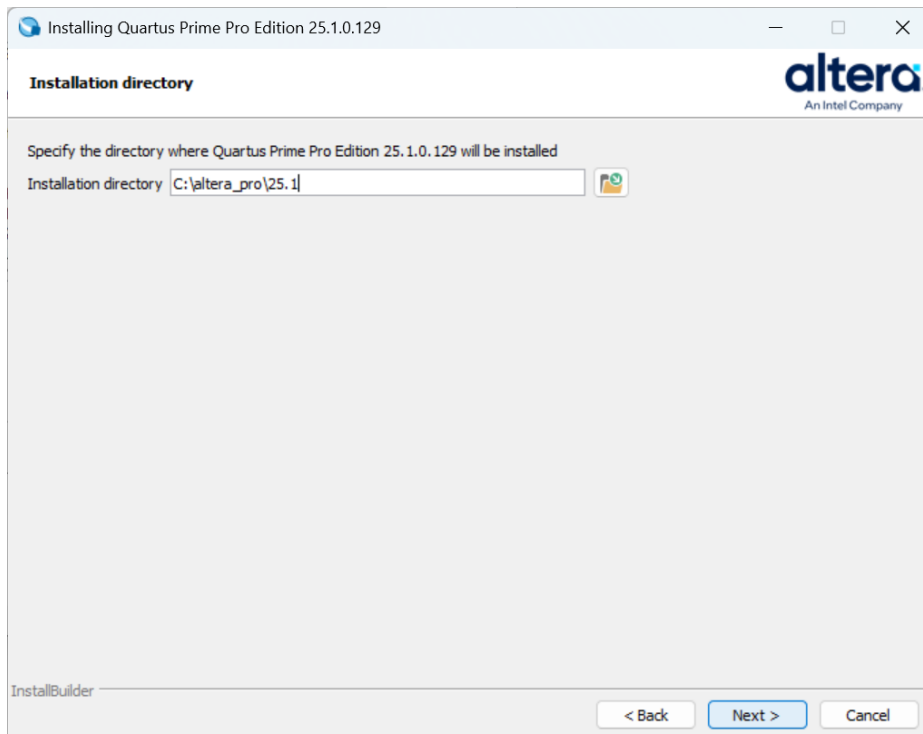| Name	Date modified	Type	Size
∨ Last week			
📁 components	08-Nov-25 03:46	File folder	
∨ Earlier this year			
📄 readme.txt	28-Mar-25 06:34	TXT File	10 KB
📄 setup_pro.bat	28-Mar-25 06:34	Windows Batch File	2 KB

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
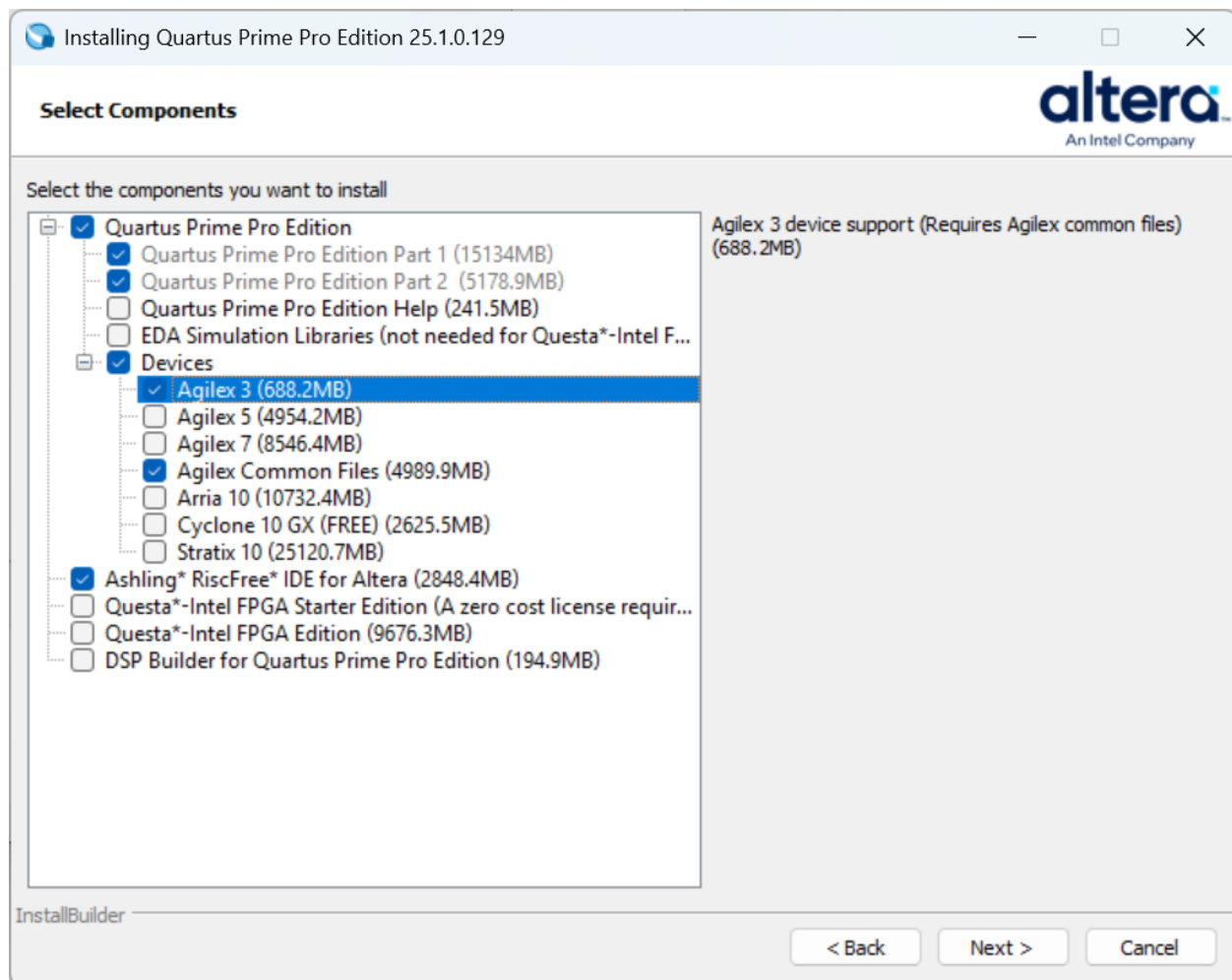
Quartus Prime Pro Edition Part 2

Devices – Agilex 3
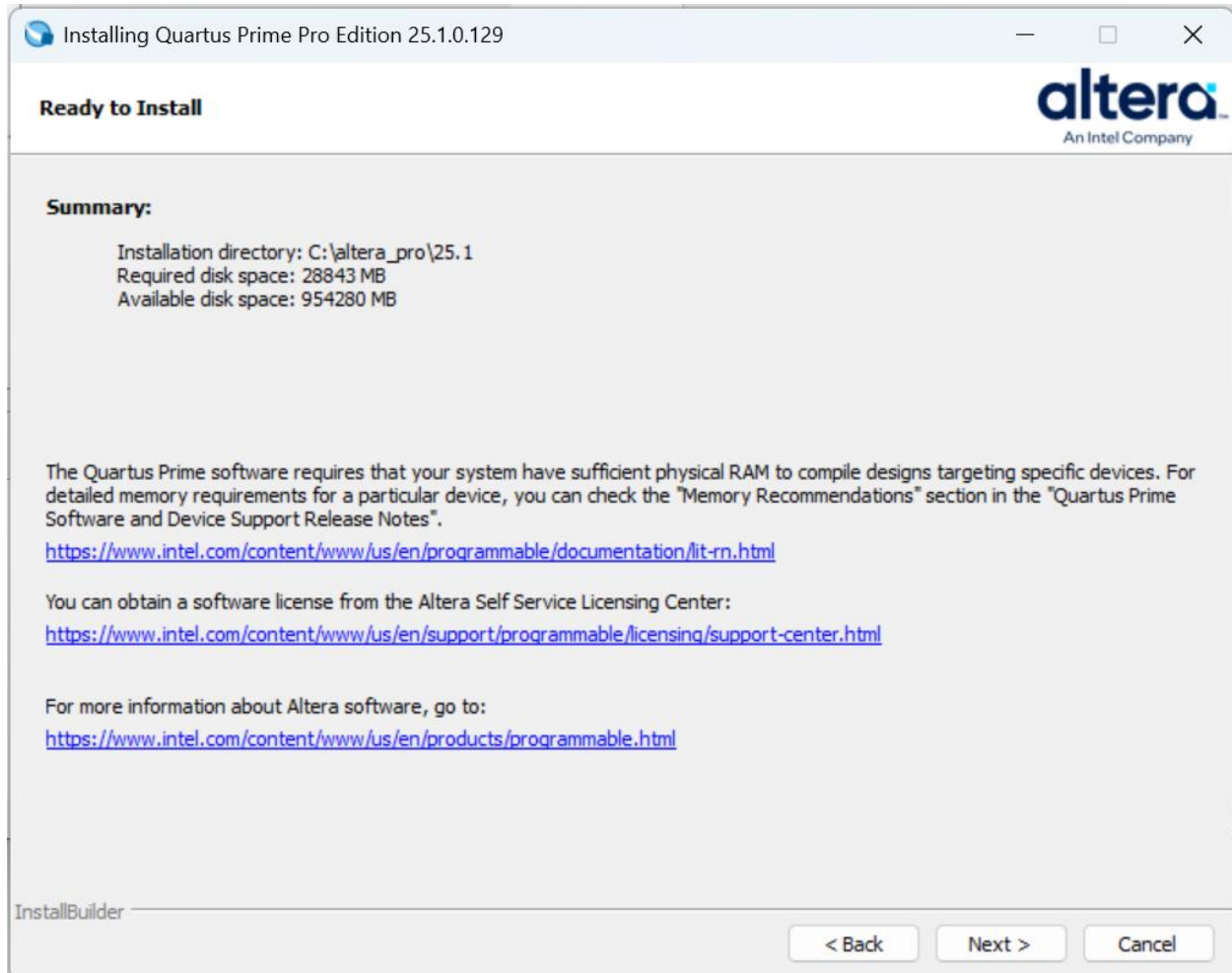
Devices – Agilex Common Files

Ashling* RiscFree* IDE for Altera

If you are interested in other devices or IP simulation, you may just tick all boxes.
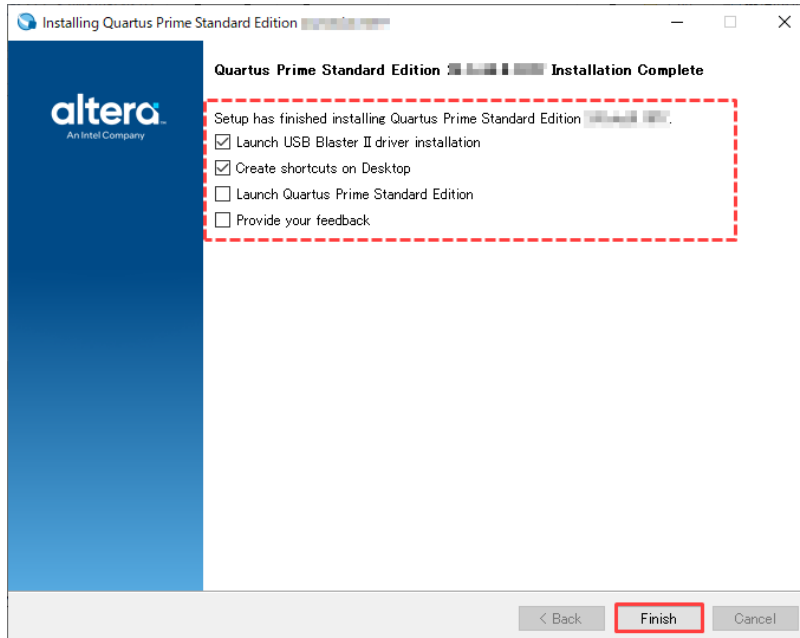
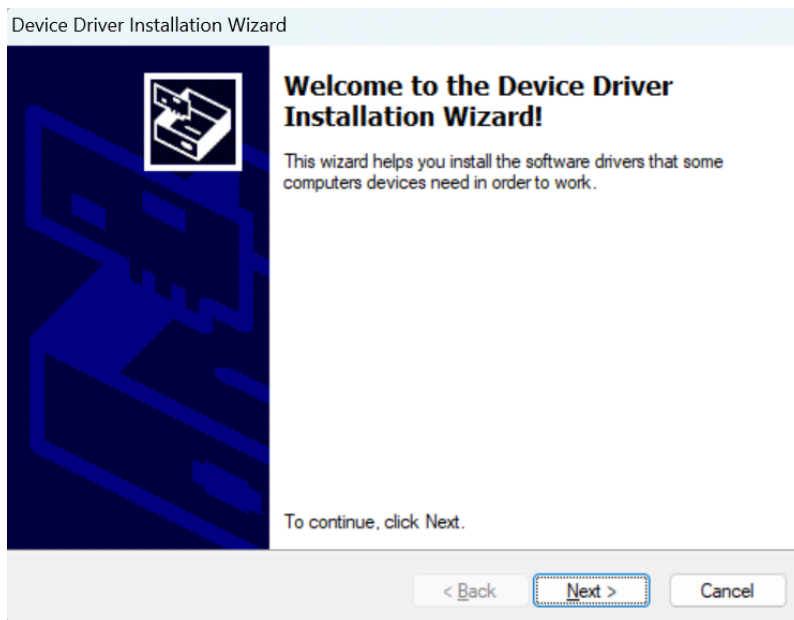After choose the components, click "Next >".

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.