

Xilinx Vivado 2019.1 WebPACK Installation Instructions

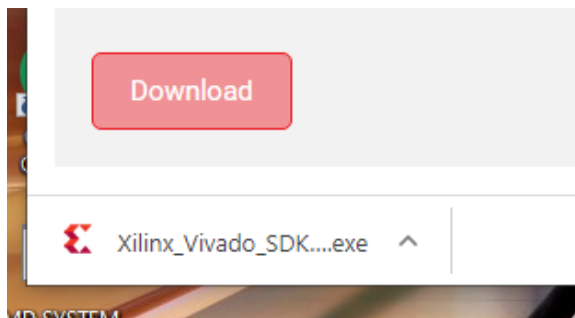
By Engineering IT

September 20, 2020

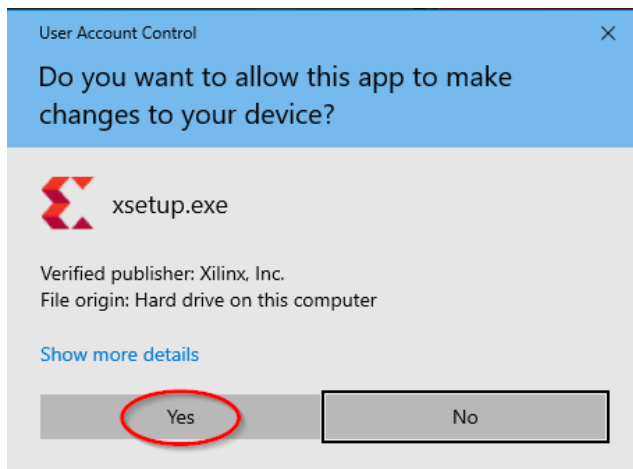
Note: The installer will download **4 GiB** of data as part of the installation, which can take a long time if you do not have a fast internet connection. If you do not have a sufficient internet connection, please contact the [Engineering IT Help Desk](#) for offline installation options.

Instructions

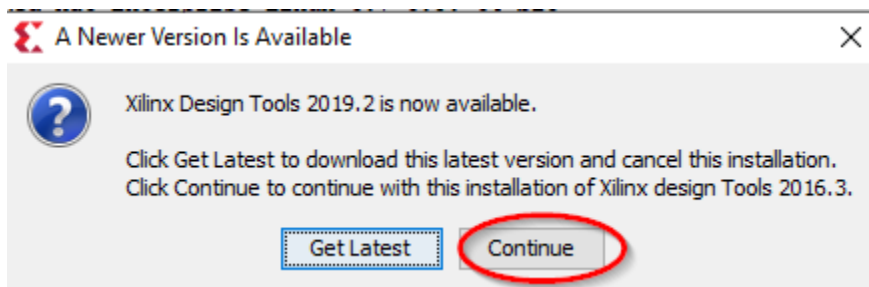
1. Download the Xilinx Vivado 2019.1 WebPACK installer using [this link](#)
 - a. **NOTE:** You will need to have or create a Xilinx.com account to download the installer and use the software.



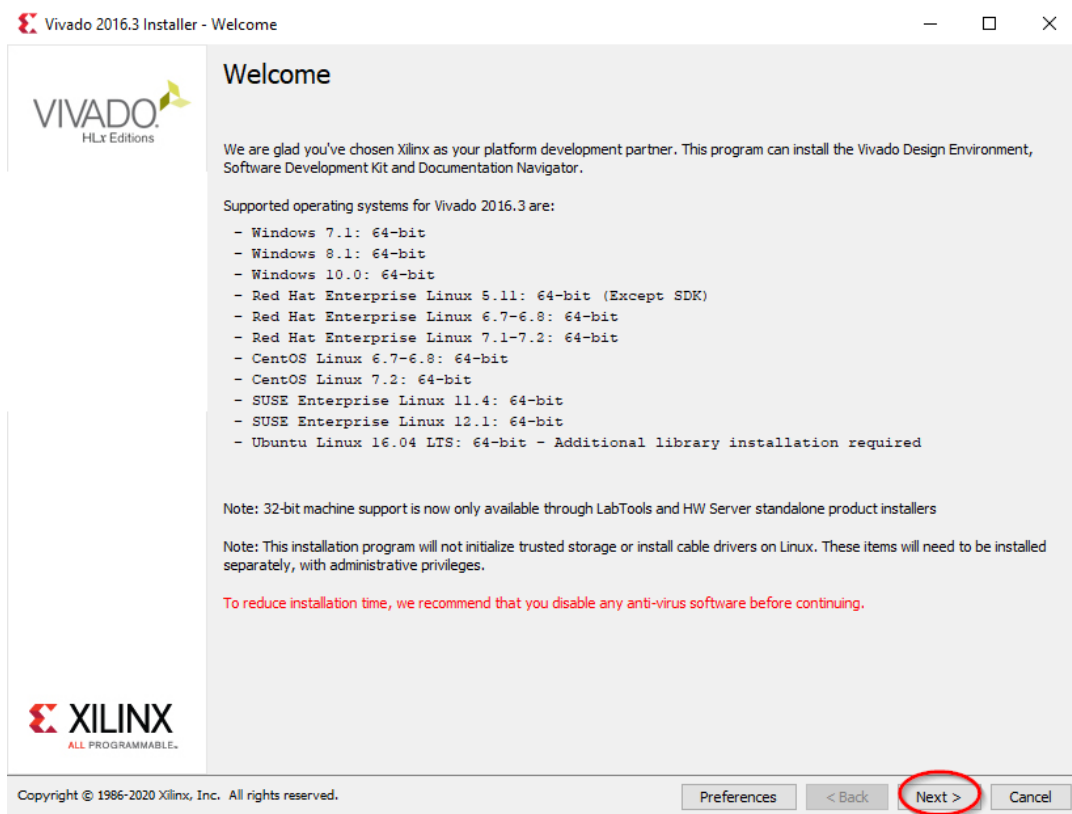
2. Run the downloaded EXE file. If prompted, click **Yes** to allow changes to your computer



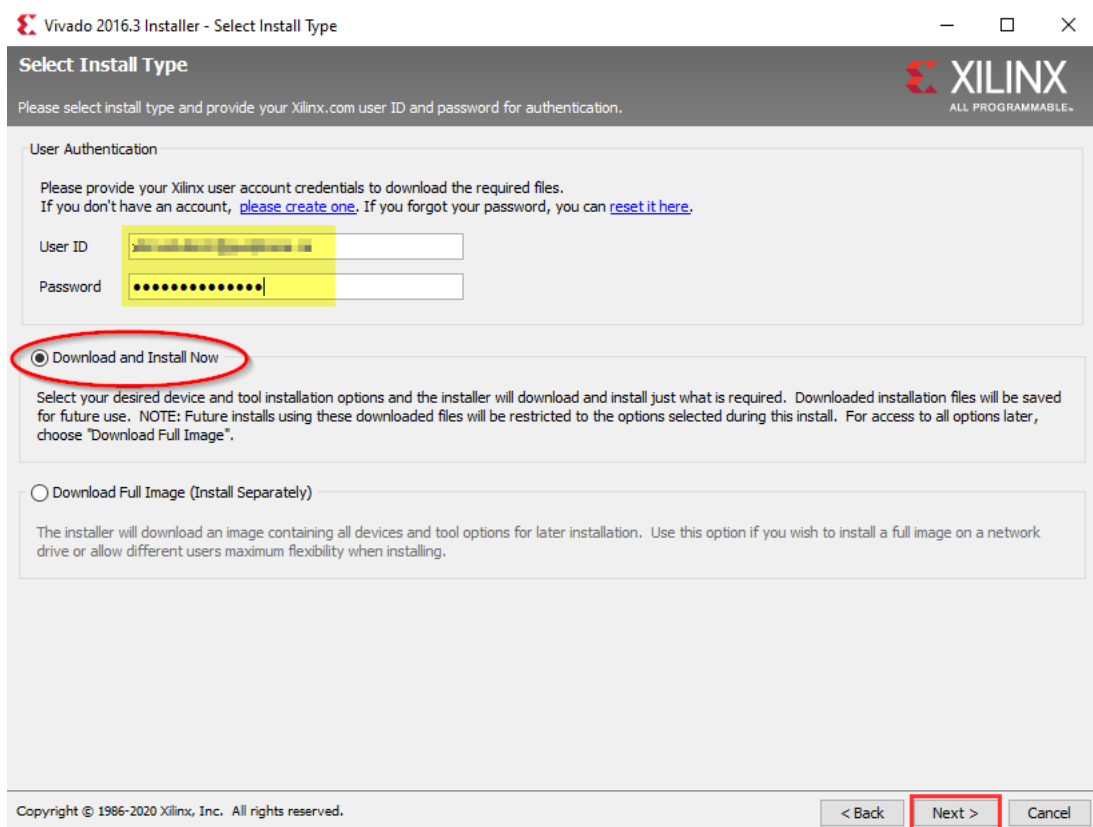
3. When prompted to download a newer edition, click **Continue**.



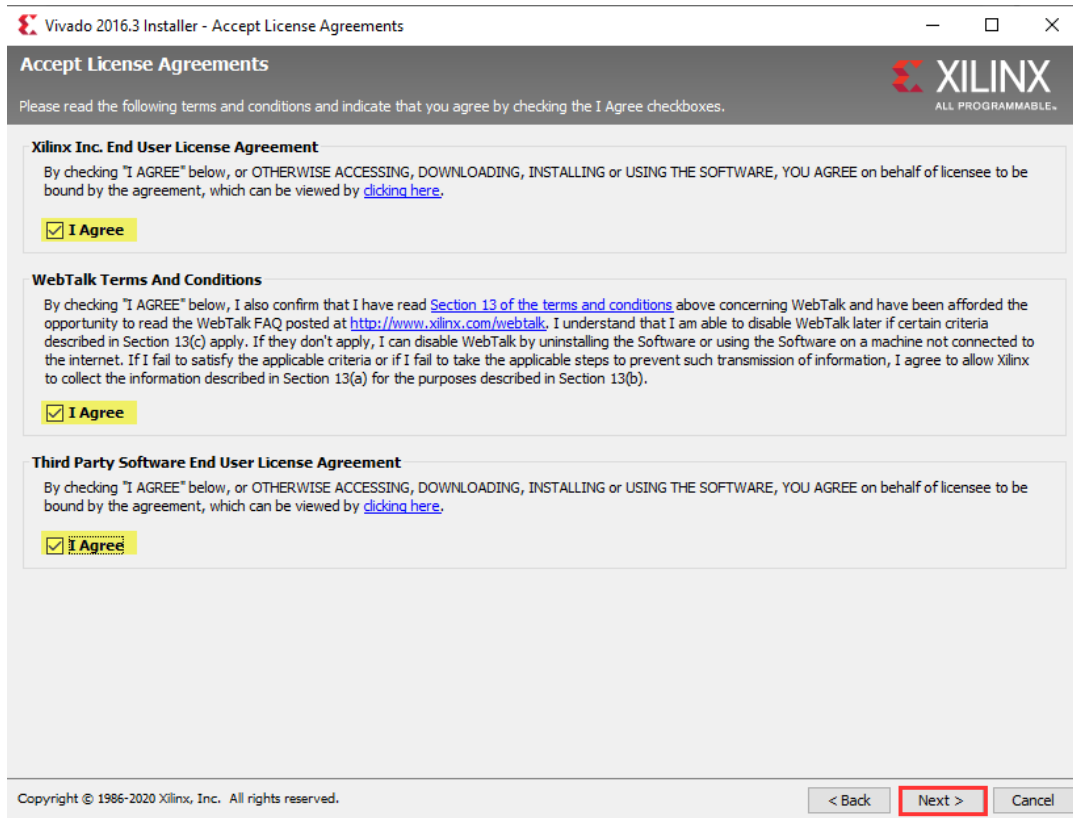
4. On the installer Welcome screen, click **Next**



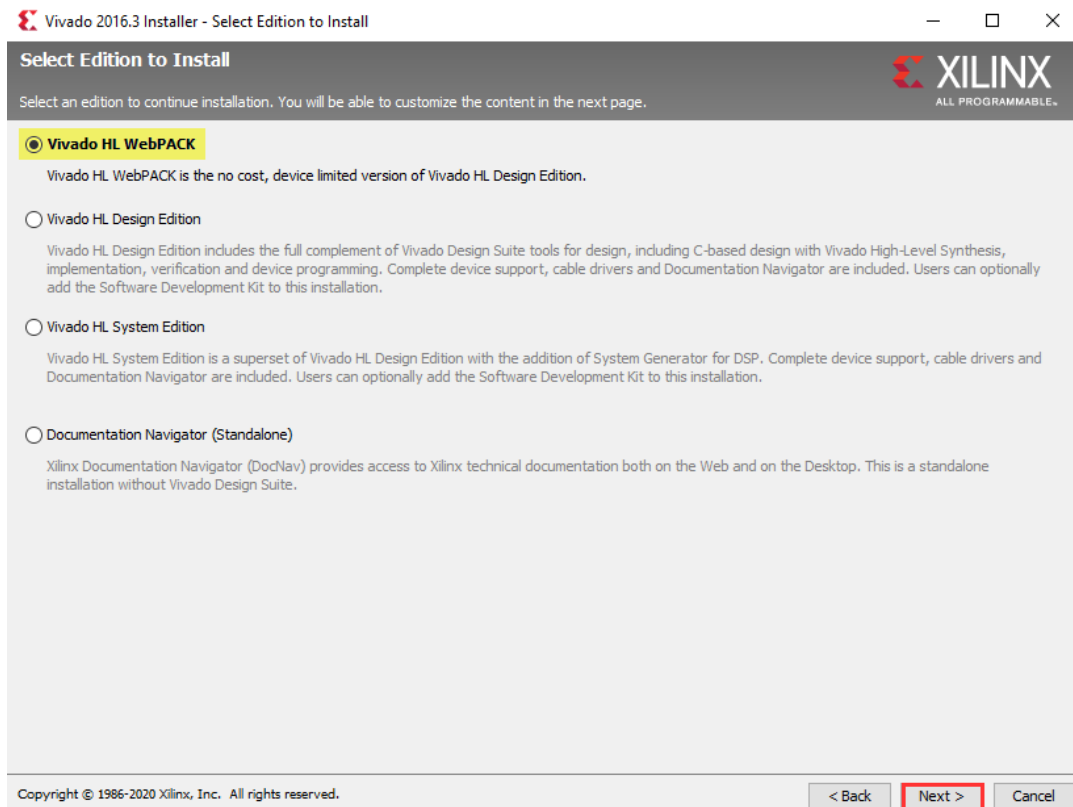
5. On the next screen, enter your Xilinx.com credentials, select **Download and Install Now** and then click **Next**



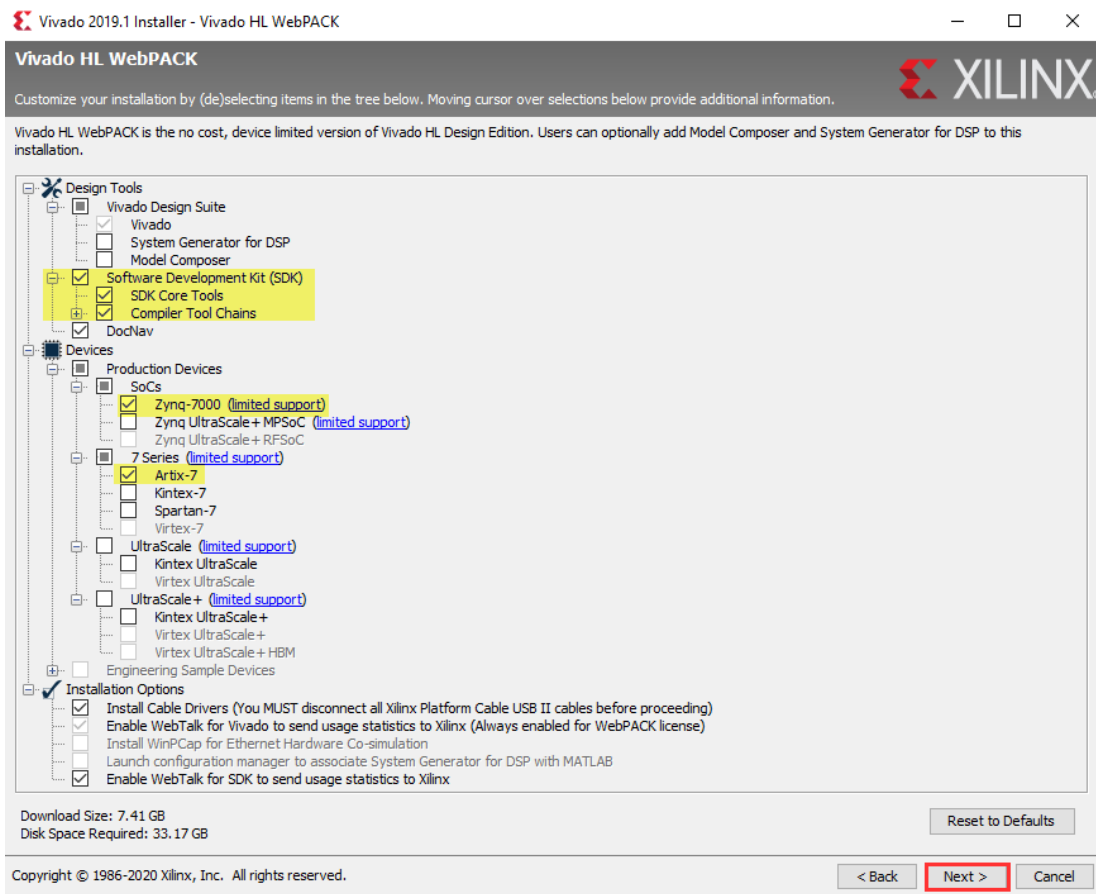
6. Check **I agree** next to each license agreement and click **Next**



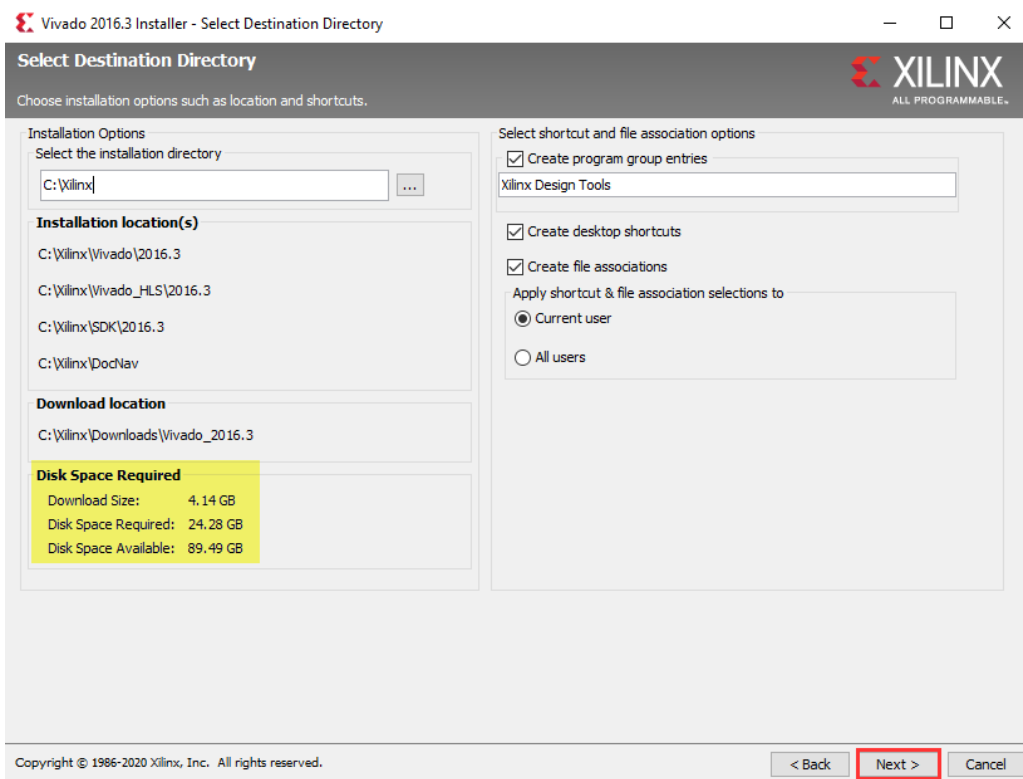
7. On the Select Edition screen, click the **Vivado HL WebPACK** and then click **Next**



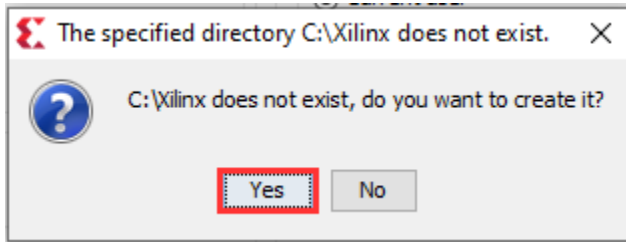
8. In the next screen, change your selections match the screenshot, and then click **Next**



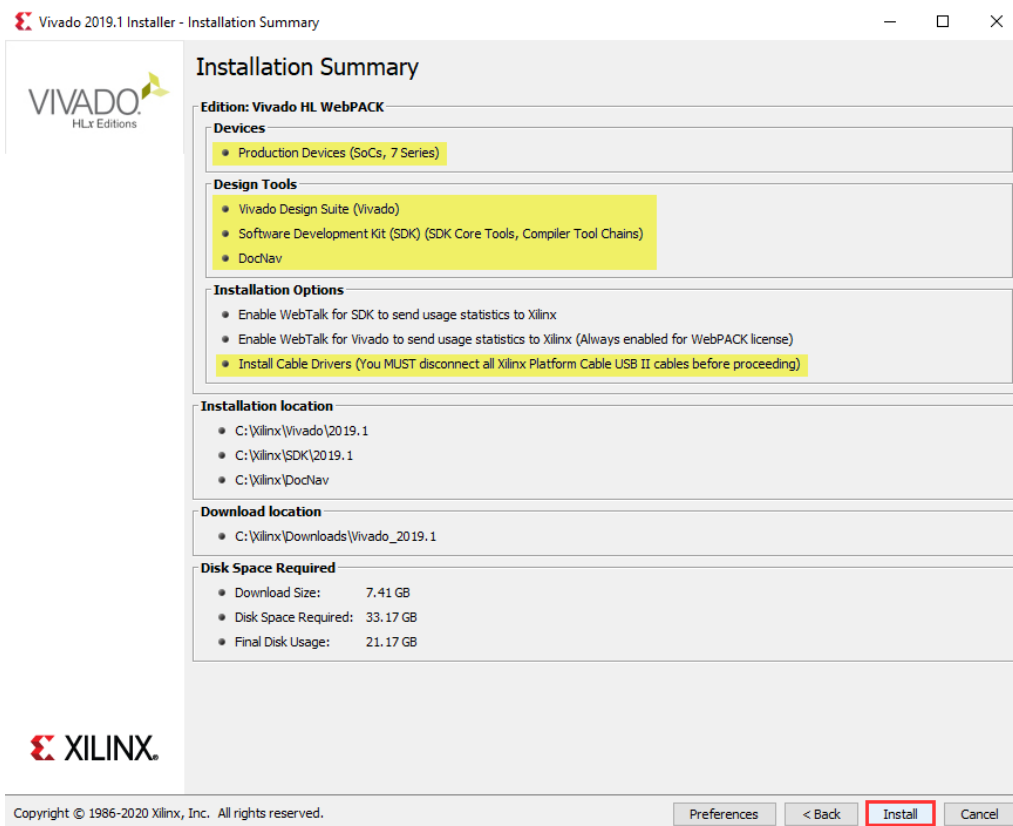
9. On the next screen, leave the defaults, confirm that you have the necessary disk space, and click **Next**



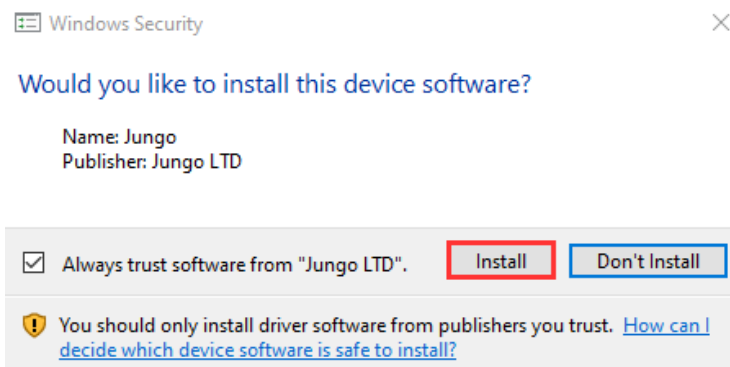
10. If prompted, click **Yes** to create the destination directory



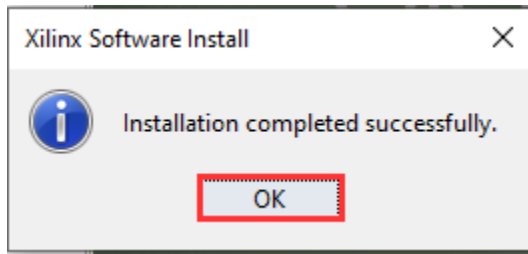
11. On the **Installation Summary**, confirm that the **Devices** and **Design Tools** match the screenshot below and then click **Install**



12. During the installation, you will be prompted to install device software. Click **Install** on each prompt



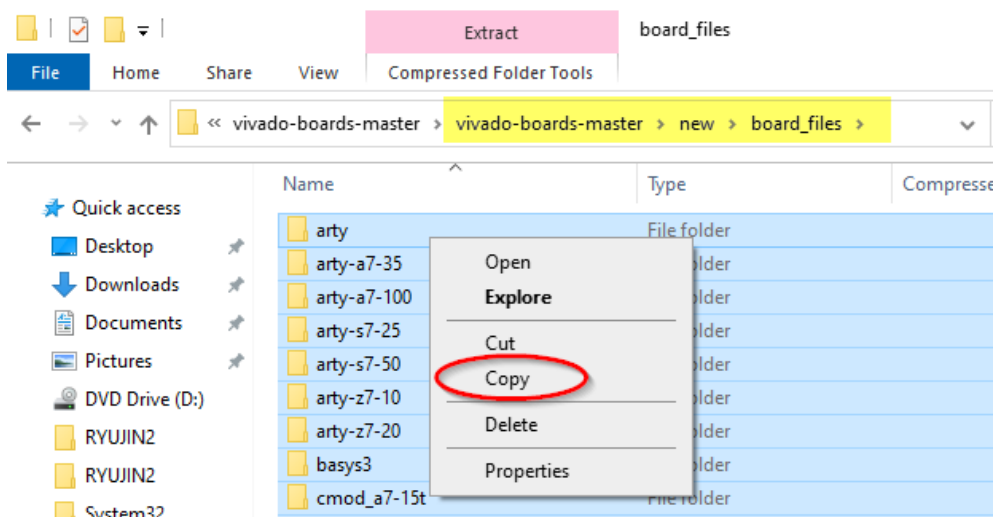
13. Once the installation is completed, you'll see the following dialog. Click **OK**



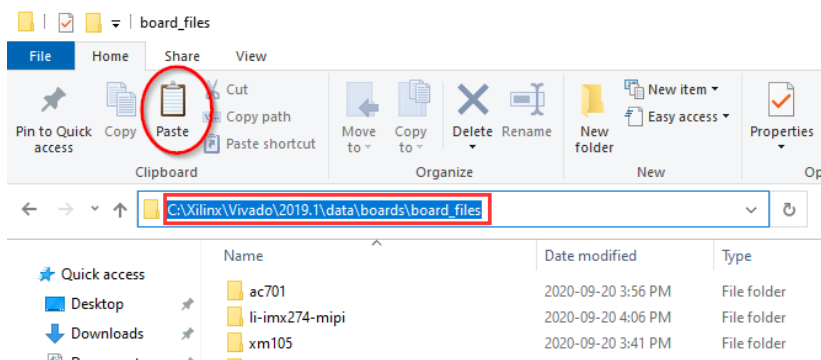
Installing the Digilent Board Files

In order to select the Nexys A7 board in Vivado, you will need to download and install the Digilent board files:

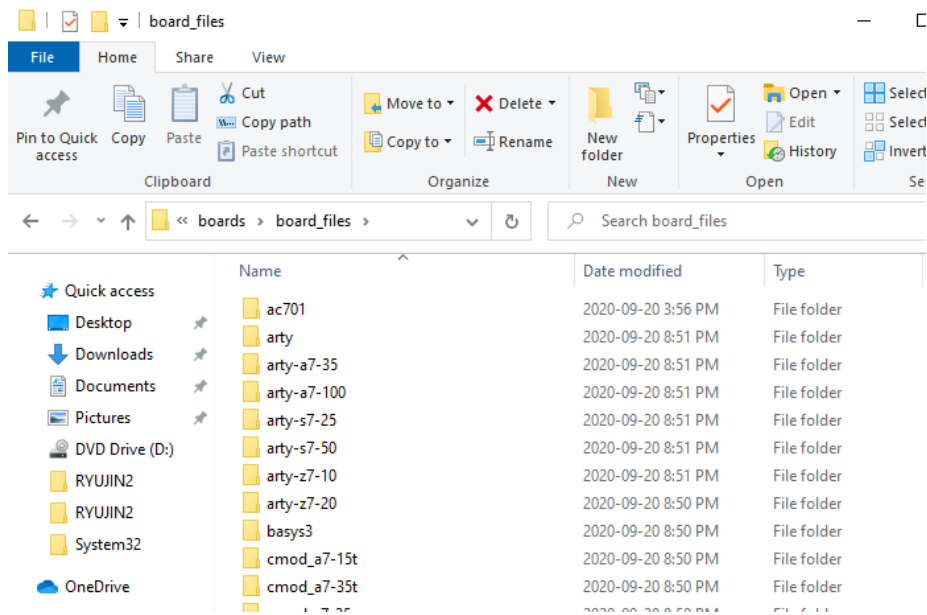
1. Visit the [Digilent Board Files](#) page and click **Download**
2. Find the downloaded file in Windows Explorer and double click to open it
3. Open the folder **vivado-boards-master\new\board_files**
4. Select all of the folders, right click and click Copy



5. Browse to **C:\Xilinx\Vivado\2019.1\data\boards\board_files** in Windows Explorer
6. In the top toolbar, click **Paste** to paste the folders



7. Your folder should now look like the following screenshot:



8. You should now be able to start **Vivado 2019.1** from the Start Menu and begin the tutorial:

