

Guide to Installing Quartus 18.1 Lite

To install Quartus 18.1, follow the following steps: (sign in will be required)

1. Visit the link <https://fpgasoftware.intel.com/18.1/?edition=lite> and select their operating system, Windows or Linux, as in Figure 1.

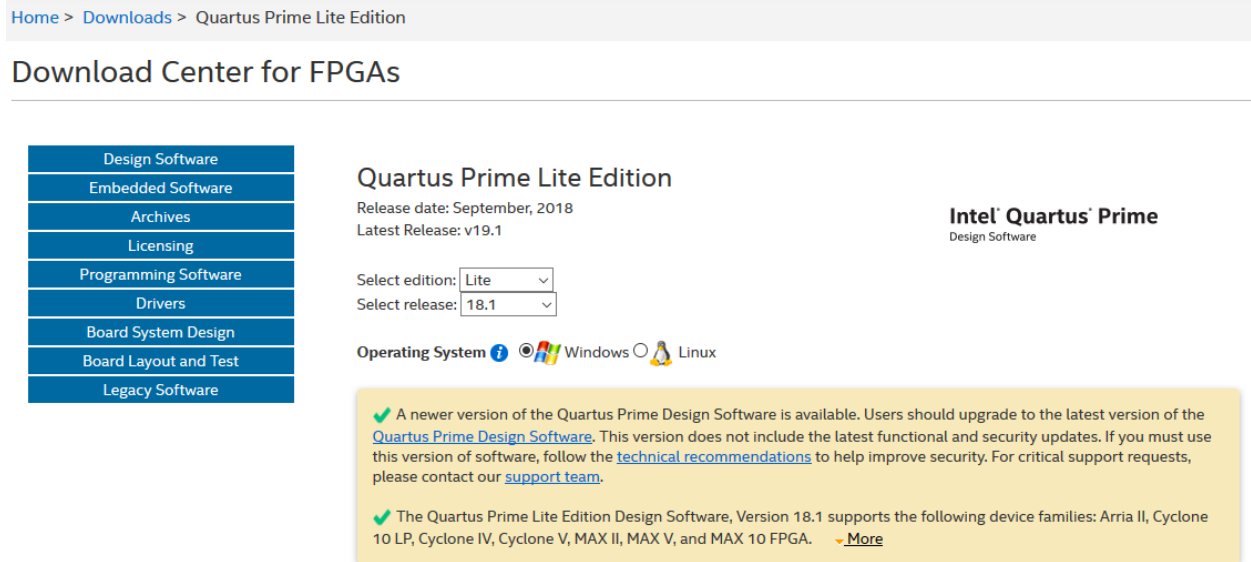


Figure 1: Select "edition" as Lite and "release" as 18.1

2. The user should click into the "Individual Files" tab and download the following, highlighted in Figure 2:

Download Center for FPGAs

Design Software
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Drivers
Board System Design
Board Layout and Test
Legacy Software

Quartus Prime Lite Edition

Release date: September, 2018
Latest Release: v19.1

Select edition:
Select release:

Operating System Windows Linux

Intel Quartus Prime
Design Software

✓ A newer version of the Quartus Prime Design Software is available. Users should upgrade to the latest version of the [Quartus Prime Design Software](#). This version does not include the latest functional and security updates. If you must use this version of software, follow the [technical recommendations](#) to help improve security. For critical support requests, please contact our [support team](#).

✓ The Quartus Prime Lite Edition Design Software, Version 18.1 supports the following device families: Arria II, Cyclone 10 LP, Cyclone IV, Cyclone V, MAX II, MAX V, and MAX 10 FPGA. [More](#)

Combined Files | Individual Files | Additional Software | Updates

Download and install instructions: [More](#)
[Read Intel FPGA Software v18.1 Installation FAQ](#)
[Quick Start Guide](#)


Updates Available

Quartus Prime Lite Edition (Free)

Quartus Prime (includes Nios II EDS) Size: 1.7 GB MD5: F0D752D67B18C89FBC0043CEE676896D	
ModelSim-Intel FPGA Edition (includes Starter Edition) Size: 1.1 GB MD5: 7FDBE5899A9929AEDD517F410079AA35	

Figure 2: Select “Individual Files” tab

- a. Click: Quartus Prime (includes Nios II EDS)
 - b. ModelSim-Intel FPGA Edition (includes Starter Edition)
 - c. Cyclone V device support
3. While not strictly necessary but highly recommended, the user should then click into the “Updates” tab and download “Quartus Prime Software v18.1 Update 1”. See Figure 3.

Combined Files Individual Files Additional Software Updates 

Download and install instructions: [▲ Less](#)


1. Ensure the Quartus Prime software v18.1 is installed.
2. Download the software update file.
3. Extract content from downloaded file (using WinZip, WinRar, 7zip or others).
Important Note: For Winzip users, you need to download version 22 or newer if your existing WinZip software cannot unzip the tar file, you also need to turn the 'TAR file smart CR/LF conversion' option off to make it work correctly. The option can be found through settings menu -> WinZip options -> Advanced or Miscellaneous tab.
4. Run the **QuartusSetup-18.1.1.646-windows.exe** file.

[Read Intel FPGA Software v18.1 Installation FAQ](#)
[Quick Start Guide](#)

To learn more about the contents of the software update, refer to the 18.1.1 [release notes \(PDF\)](#).

Software Update Only
Use this option if you already have the Quartus Prime software installed and just want the updates.

Software and IP Updates (Latest)

Quartus Prime Software v18.1 Update 1 

*You must have the base software installed before installing the update.

***Important Note: For Winzip users, you need to download version 22 or newer if your existing WinZip software cannot unzip the tar file, you also need to turn the TAR file smart CR/LF conversion option off to make it work correctly. The option can be found through settings menu -> WinZip options -> Advanced or Miscellaneous tab.**

Size: 5.1 GB MD5: 6062D00F1745B097F371C516A3C6AC31

Figure 3: download updates if available

4. Wait for all files to fully download, and then run the Quartus Prime installer. You will be guided through the process by the setup wizard.