

ModelSim and Quartus Download

1. Follow this link
http://fpgasoftware.intel.com/18.1/?edition=lite&product=modelsim_ae&download_manager=dlm3&platform=linux#tabs-2
2. If this is the first time on this website, you may have to register for a new account. Login once you register and validate your account.
3. Make sure to select Lite Edition and your correct Operating System. Make sure to also select Individual Files download.

Quartus Prime Lite Edition

Release date: September, 2018

Latest Release: v18.1

Intel® Quartus® Prime

Design Software

Select edition: Lite

Select release: 18.1

Operating System  Windows  Linux

Download Method  Akamai DLM3 Download Manager  Direct Download

✓ The Quartus Prime Design Software Lite Edition v18.1 has been updated with Curl 7.64.0, CygWin 3.0.3, expat 2.2.6, flexnet_publisher 11.16.2.1, glib 2.56.1, gstreamer 1.14.0, guava 27.0.1, jre (Oracle Java) 1.8.0u202, libicu 61.0, libpng 1.6.36, openssl 1.0.2r, perl 5.28.1, python 3.6.8, qt 5.11.3, ccl_sqlite3 3.26.0, sqlite3 (python) 3.26.0, sqlite3 (qt) 3.27.2, xerces-c++ 3.2.2, and zlib 1.2.11, which include functional and security updates. Users should update to the latest version of Quartus Prime design software as soon as possible.

✓ The Quartus Prime Lite 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](#)

Quartus Prime Lite Edition (Free)

Quartus Prime (includes Nios II EDS)

Size: 2.0 GB MD5: EDF94C02DF4A68FCE331137ABD59C688

ModelSim-Intel FPGA Edition (includes Starter Edition)

Size: 1.1 GB MD5: 4628A15C65D27A6079D3BE2DFCBD9993

** Require 32-bit libraries see [Installation manual](#)

[Updates Available](#)



Devices

You must install device support for at least one device family to use the Quartus Prime software.

Arria II device support

Size: 499.6 MB MD5: D87CA20C91596BC8C7BCE84253D956B7

**Cyclone IV device support**

Size: 466.6 MB MD5: 9E32B85F83A440604154BD729B143D5C

**Cyclone 10 LP device support**

Size: 266.1 MB MD5: 72AAE619D358FE6B8E42849B3BFCFADD

**Cyclone V device support**

Size: 1.1 GB MD5: 75F5029A9058F64F969496B016EE19D4

**MAX II, MAX V device support**

Size: 11.4 MB MD5: ED990775F76C35D308877F27A30B7555

**MAX 10 FPGA device support**

Size: 330.9 MB MD5: E87E56DAB144529EFC515C2452F1B1FE



4. Click on the download buttons for both Quartus Prime and ModelSim-Intel FPGA Edition. You must also download a device in order to use Quartus. Since we are only doing synthesis for reference and not programming an actual FPGA, I suggest you download Cyclone V.
5. Follow the instructions from the installation manual link provided.

NOTE. Intel provides support for ModelSim Linux for RedHat distributions only. For other Linux distributions, you may use [these](#) instructions. These instructions have been tested as of 12/Aug/2019 for Ubuntu 18.04 and no guarantee is provided for other distributions.