

# **Quartus Prime Lite Edition 18.1 on Ubuntu16.04 LTS & Windows**

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# Download Links for Linux ( Ubuntu 16.04 LTS)

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1. Quartus Prime (includes Nios II EDS) 2.2 GB

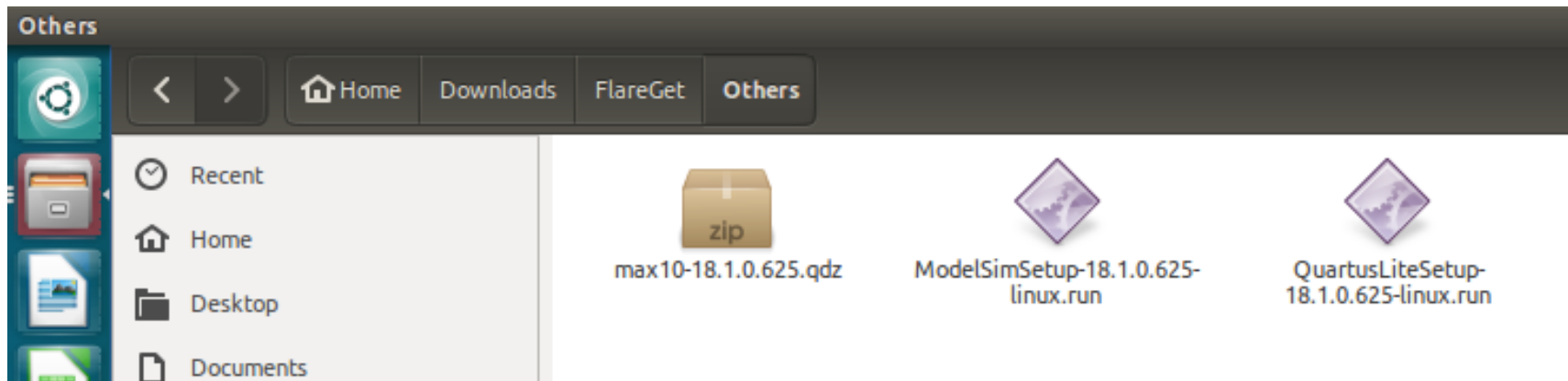
[http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib\\_installers/QuartusLiteSetup-18.1.0.625-linux.run](http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib_installers/QuartusLiteSetup-18.1.0.625-linux.run)

2. ModelSim-Intel FPGA Edition (includes Starter Edition) 1.2 GB

[http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib\\_installers/ModelSimSetup-18.1.0.625-linux.run](http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib_installers/ModelSimSetup-18.1.0.625-linux.run)

3. MAX 10 FPGA device support 347 MB

[http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib\\_installers/max10-18.1.0.625.qdz](http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib_installers/max10-18.1.0.625.qdz)



# Download Links for Windows

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1. Quartus Prime (includes Nios II EDS) 1.7 GB

[http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib\\_installers/QuartusLiteSetup-18.1.0.625-windows.exe](http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib_installers/QuartusLiteSetup-18.1.0.625-windows.exe)

2. ModelSim-Intel FPGA Edition (includes Starter Edition) 1.1 GB

[http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib\\_installers/ModelSimSetup-18.1.0.625-windows.exe](http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib_installers/ModelSimSetup-18.1.0.625-windows.exe)

3. MAX 10 FPGA device support 331 MB

[http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib\\_installers/max10-18.1.0.625.qdz](http://download.altera.com/akdlm/software/acdsinst/18.1std/625/ib_installers/max10-18.1.0.625.qdz)

## ***NB:***

***1. Steps for installing Quartus on windows is similar to linux except the first step***

***2. To get this links (Next Slide) you need to register on fpgasoftware intel website which we already have done it for you.***

***3. Quartus Prime is the main software where you compile, synthesize, .... etc of your HDL code | ModelSim is for Simulation | MAX 10.qdz file as we are using Altera MAX10 FPGA family (TO know about FPGA kit please refer to shared manual)***

# Source of the Links:

[http://fpgasoftware.intel.com/18.1/?edition=lite&platform=linux&download\\_manager=dlm3](http://fpgasoftware.intel.com/18.1/?edition=lite&platform=linux&download_manager=dlm3)

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## Quartus Prime Lite Edition

Release date: September, 2018  
Latest Release: v18.1

Intel<sup>®</sup> Quartus<sup>®</sup> 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 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

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

0. Quartus Lite Version 18.1

3. MAX 10 FPGA device

Combined Files Individual Files Additional Software

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: 4628A15C65D37A6079D3BE2DFCDBD9993  
\*\* Require 32-bit libraries, see [installation manual](#).

1. Quartus Prime (includes Nios II EDS)

2. ModelSim-Intel FPGA Edition

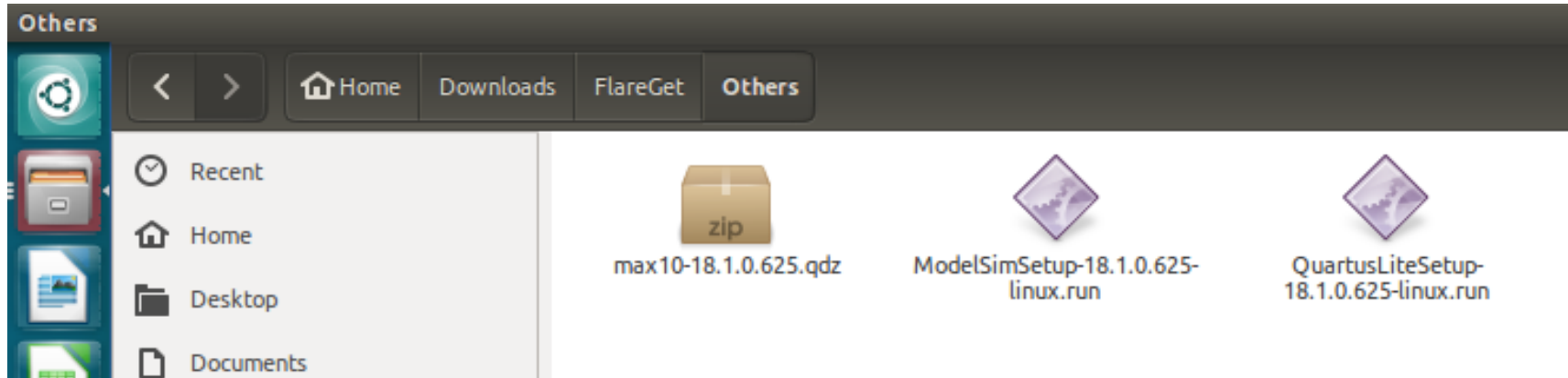
Devices

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

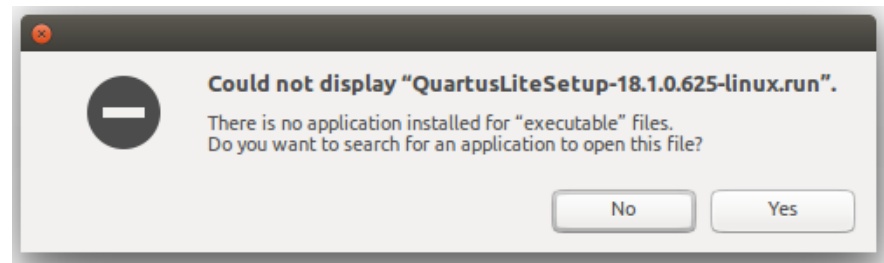
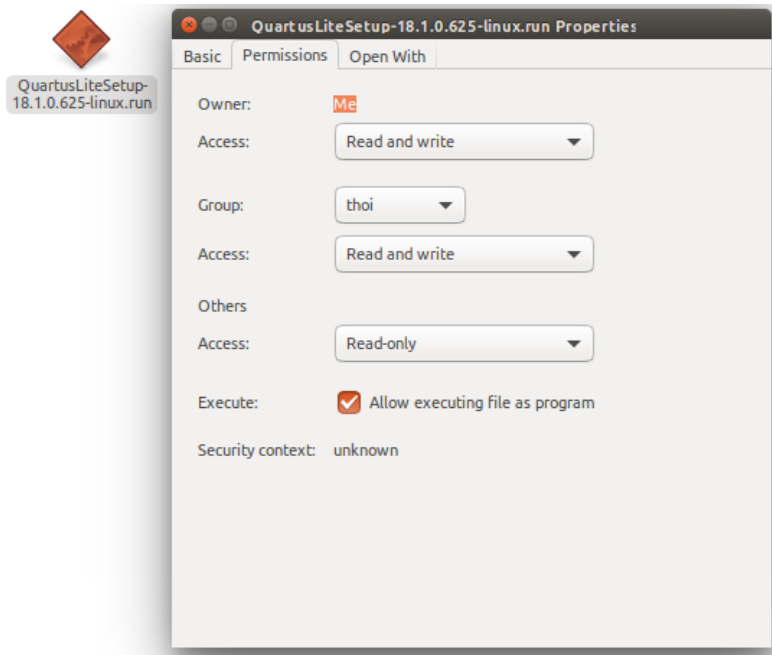
Arria II device support Size: 499.6 MB MD5: D87CA20C91596BC8C7BCE84253D056B7	Download
Cyclone IV device support Size: 466.6 MB MD5: 9E32B85F83A440604154BD779B143D5C	Download
Cyclone 10 LP device support Size: 266.1 MB MD5: 72AAE619D358FF6B8E47349B3BFCFADD	Download
Cyclone V device support Size: 1.1 GB MD5: 75F5029A9058F64F964496B016EE19D4	Download
MAX II, MAX V device support Size: 11.4 MB MD5: ED990775F7642D308877F27A30B7555	Download
MAX 10 FPGA device support Size: 330.9 MB MD5: E87E56DAB144529EFC515C2452F1B1FE	Download

# Steps:

## 1. Place all the Files in the same Folder



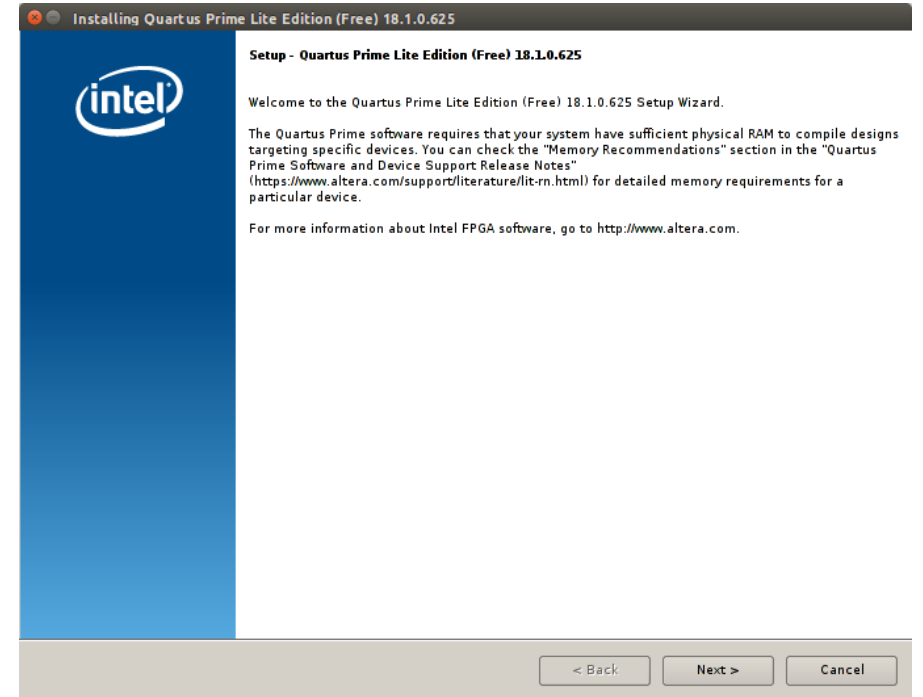
## 2. Change Permission and check allow executing this file "QuartusLiteSetup-18.1.0.625-linux.run"



Otherwise you might get this error

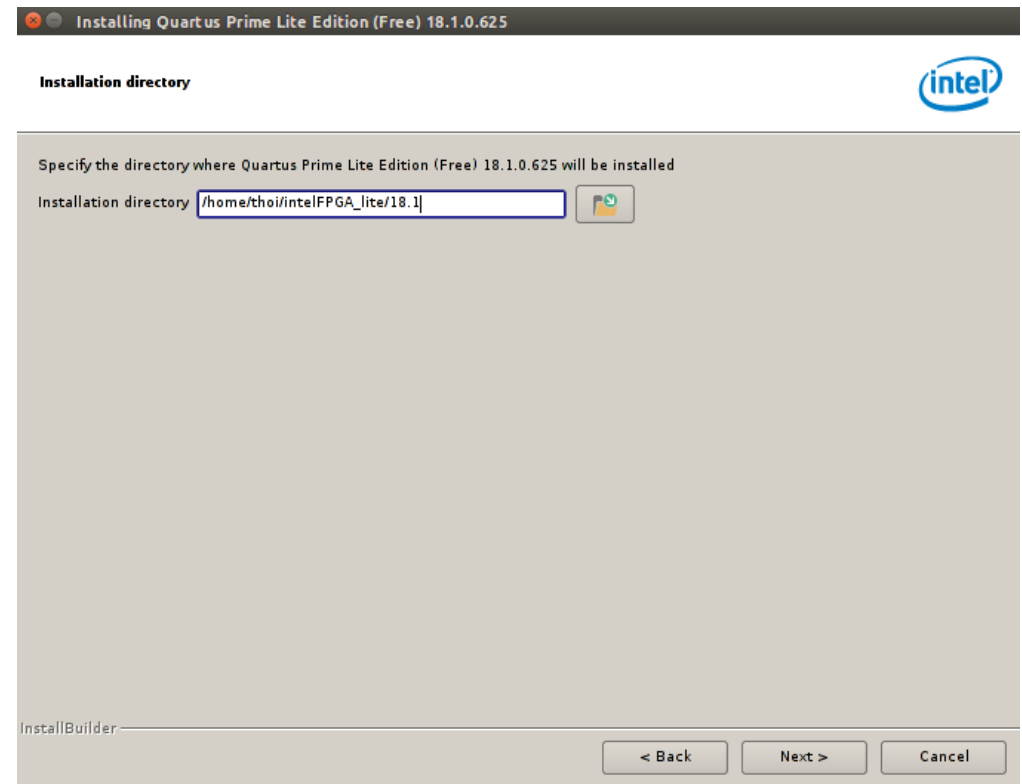
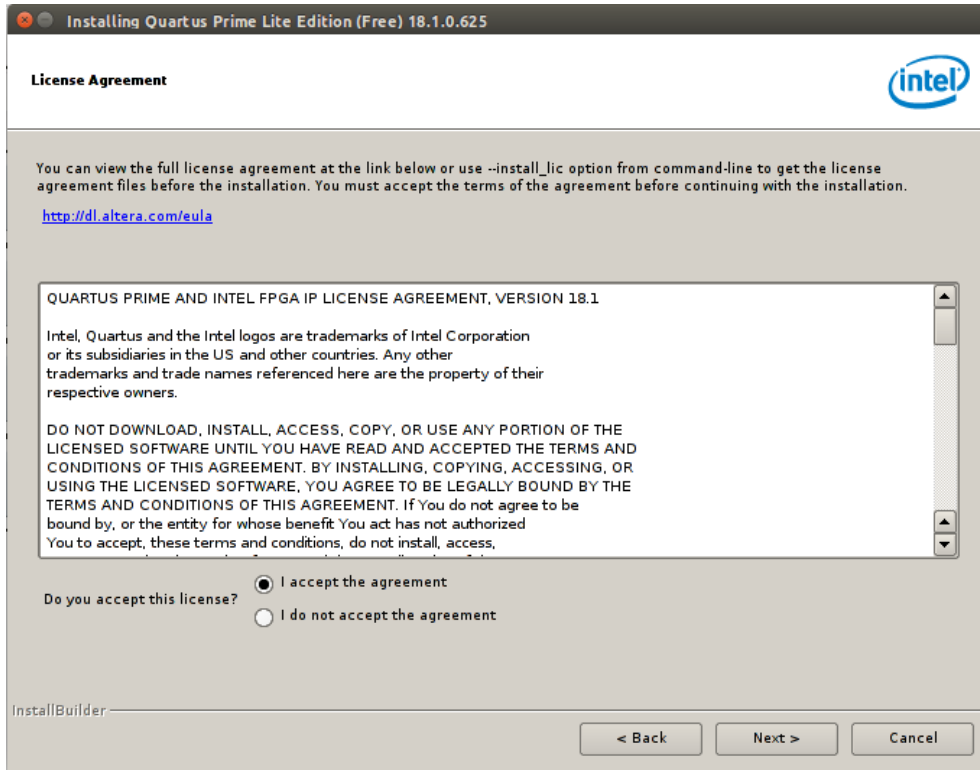
# Steps:

## 3. Double Click on “QuartusLiteSetup-18.1.0.625-linux.run”



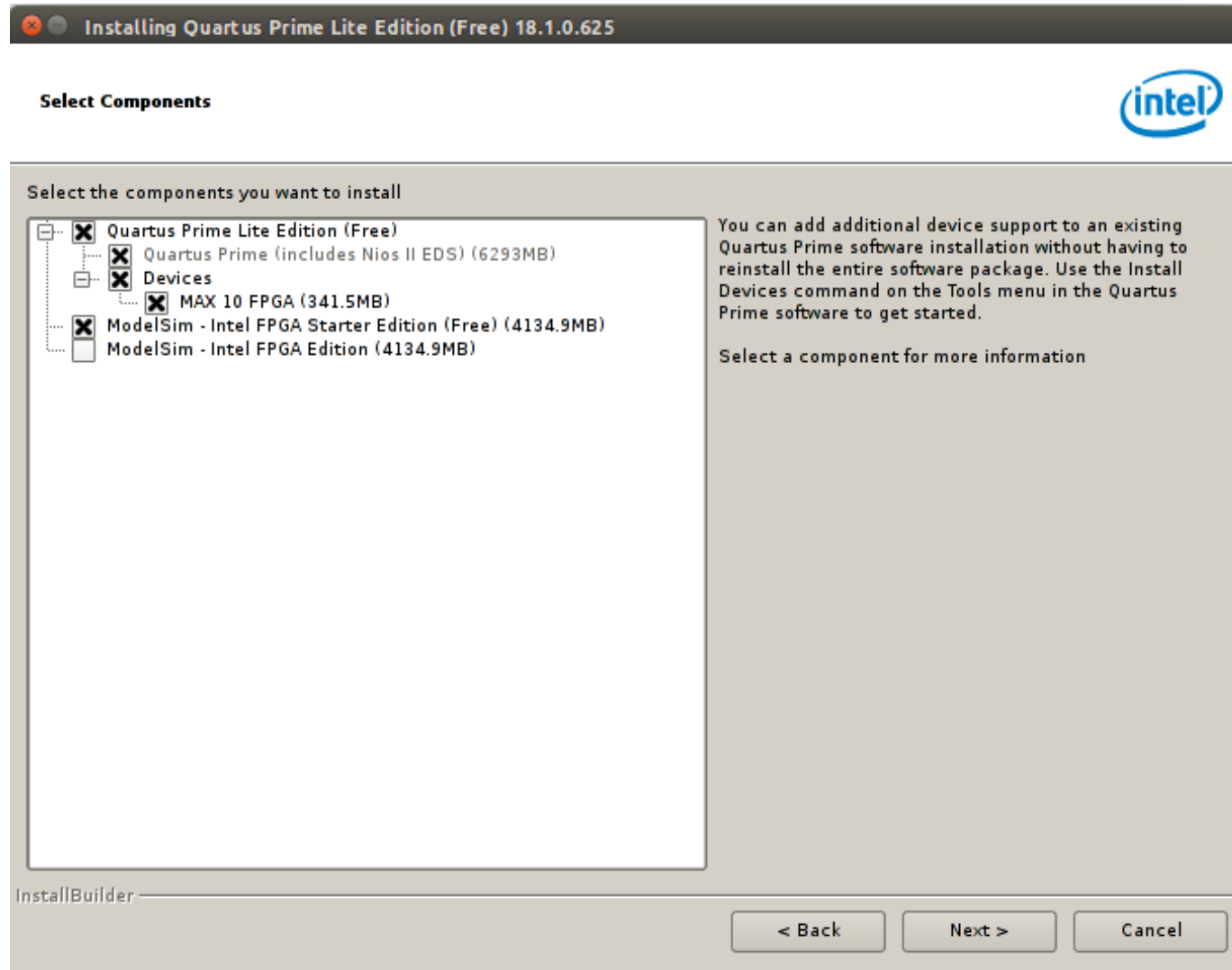
# Steps:

## 4. Accept Licence Agreement and Select Directory for installation



# Steps:

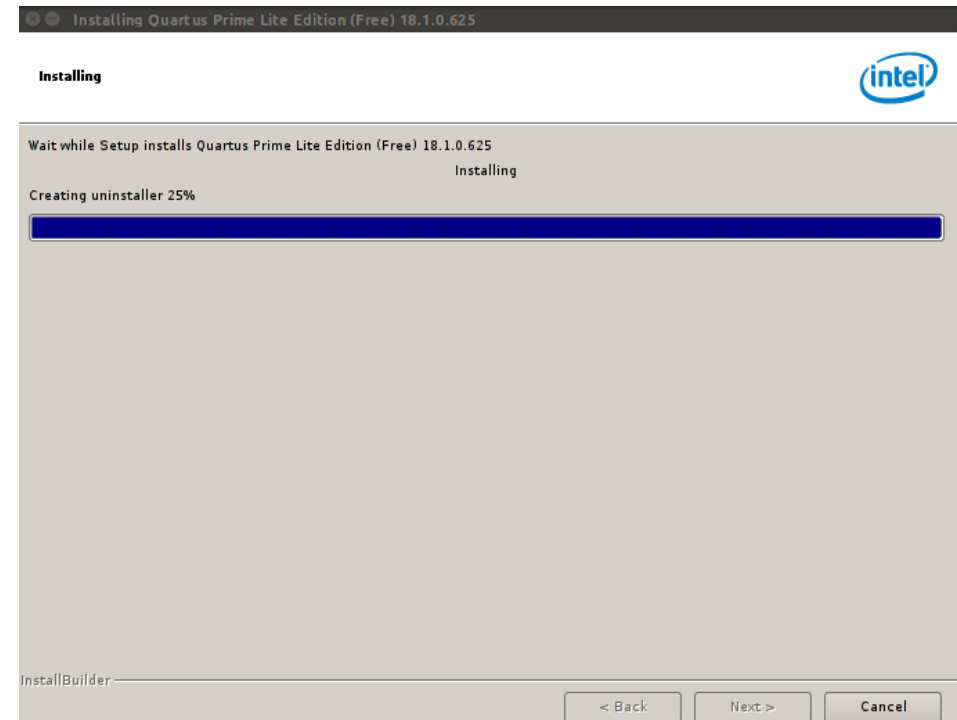
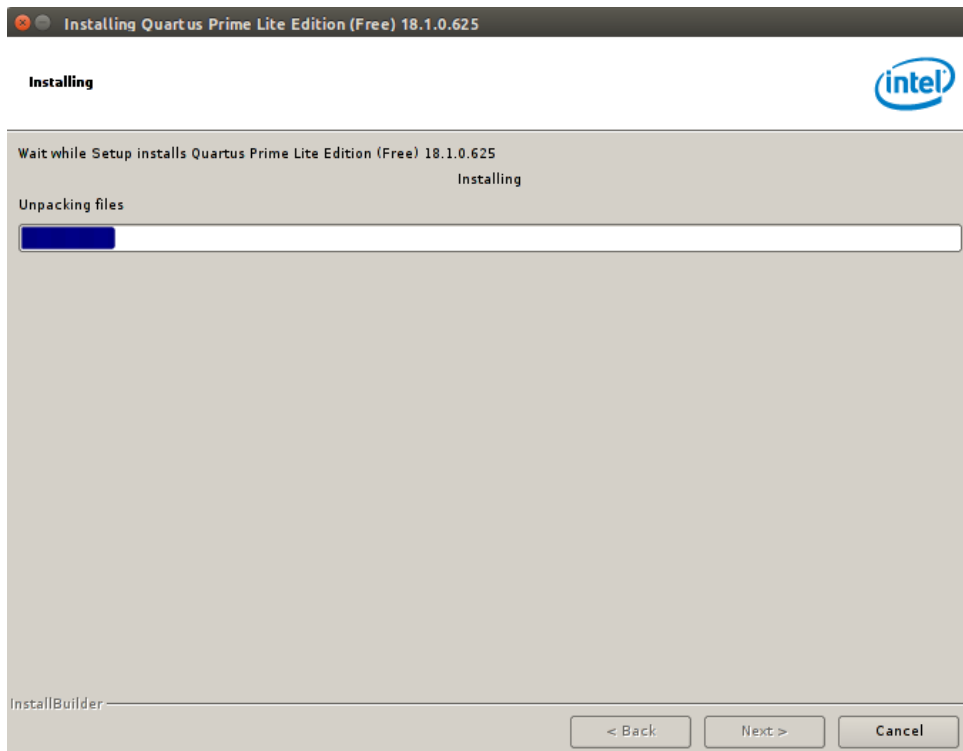
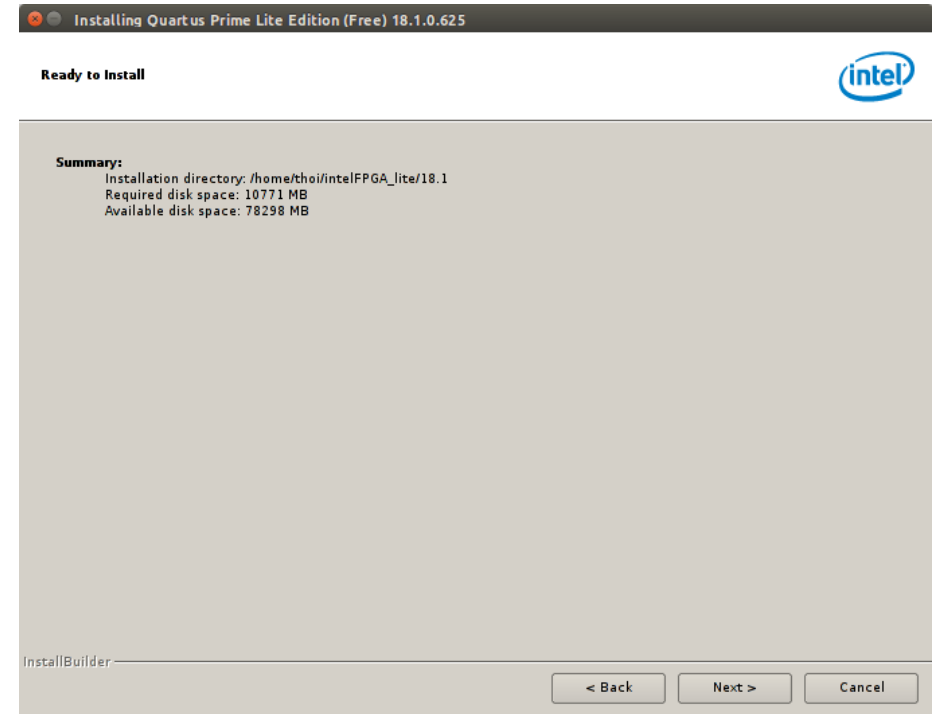
5. Make Sure the components such as Quartus Prime, MAX10 Device and ModelSim showed up in the list. (If you have placed the downloaded file in the same directory they will show up)





# Steps:

## 6. Check Space Availability,..If enough space Proceed



# Steps:

## 6. Finish Installation & Launch

```
Terminal
thoi@thoi-K55VM: ~/intelFPGA_lite/18.1/quartus/bin
thoi@thoi-K55VM:~/intelFPGA_lite/18.1/quartus/bin$ pwd
/home/thoi/intelFPGA_lite/18.1/quartus/bin
thoi@thoi-K55VM:~/intelFPGA_lite/18.1/quartus/bin$ ./quartus &
```

## Launch

