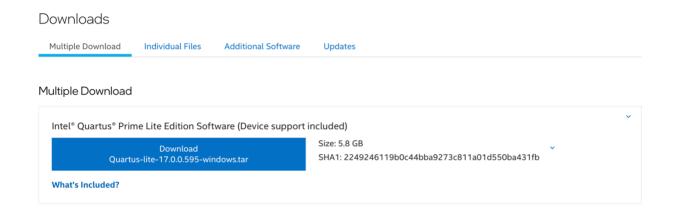# Quartus Installation Guide

The "Quartus Prime" software we will be using can only be installed on Windows and Linux.

If you have MacOS, one of the easiest ways to install Quartus is by using a Virtual Machine (VM). Duke OIT has VMs available to students through vcm.duke.edu. We advise you to use a Windows VM for Quartus. Note that you can only access the VM if you are on Duke's network, i.e., either on campus or through Duke's VPN service. If you do not have a Duke NetID yet to book a VM through Duke, you may use a hypervisor such as VirtualBox to create a VM or install Windows through Boot Camp.

To install Quartus, download it from the following webpage:

https://www.intel.com/content/www/us/en/software-kit/669557/intel-quartus-prime-lite-edition-design-software-version-17-0-for-windows.html

Note that we will be using the free "Lite" edition and version 17.0 (which is not the latest one) to make sure you are using the same version as the auto-graders will use later in the course.

Next, unzip the downloaded '.tar' file, and run 'ModelSimSetup' as well as 'QuatusLiteSetup'. Now, it's time to start your journey using Quartus!