Installation of Xilinx Vitis is time consuming, you will need around 3 hours to start and complete the install, please plan ahead.

1. Goto: <https://www.xilinx.com/support/download.html>
2. Click on the Vitis (SW Developer) tab
3. Scroll down and click on the link:

AMD Unified Installer for FPGAs & Adaptive SoCs 2023.1: Windows Self Extracting Web Installer

1. Sign in or create an account and then click red Download
2. Open the self-extracting archive
   1. Read information on Welcome screen, click Next

A screenshot of a computer

Description automatically generated

* 1. Provide login information (same as used to download software). Select Download and Install Now radio button. Click Next.

A screenshot of a computer

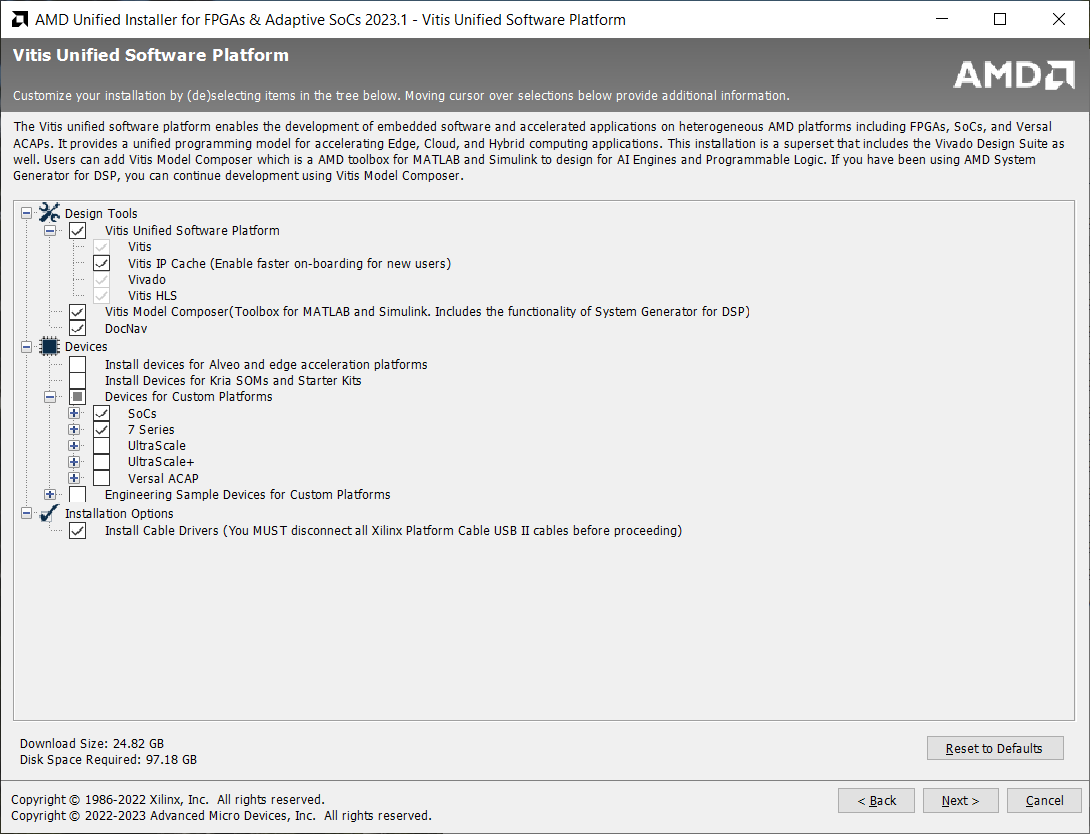
Description automatically generated

* 1. Product to Install: Vitis - this will automatically install Vivado as well.

A screenshot of a computer

Description automatically generated

* 1. Select the following options:



* 1. License Agreements: Scroll down and agree to all of them.

A screenshot of a computer screen

Description automatically generated with medium confidence

* 1. Put Xilinx in the root directory of your preferred (biggest) drive.

A screenshot of a computer

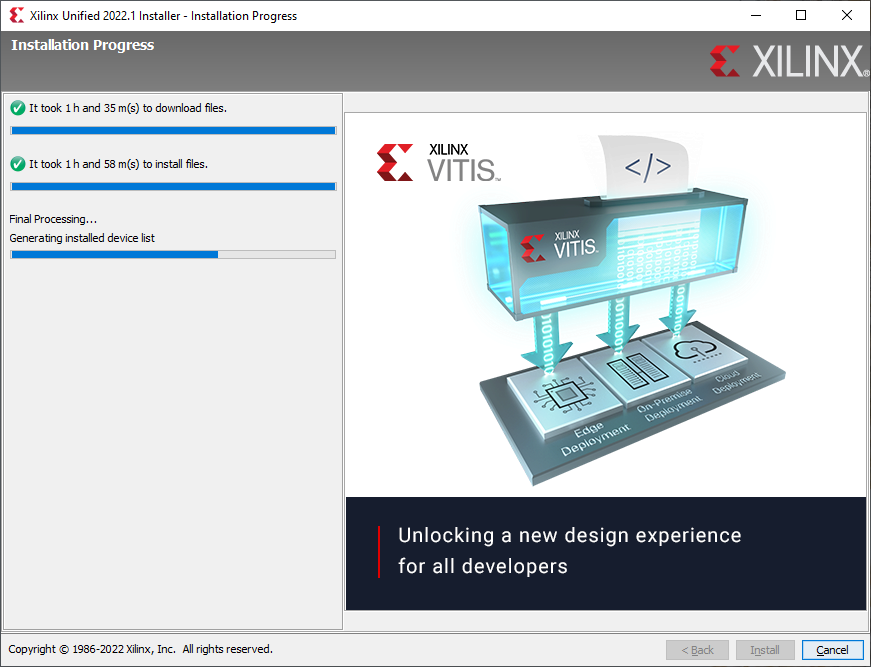
Description automatically generated

* 1. Click Install.

A screenshot of a computer

Description automatically generated

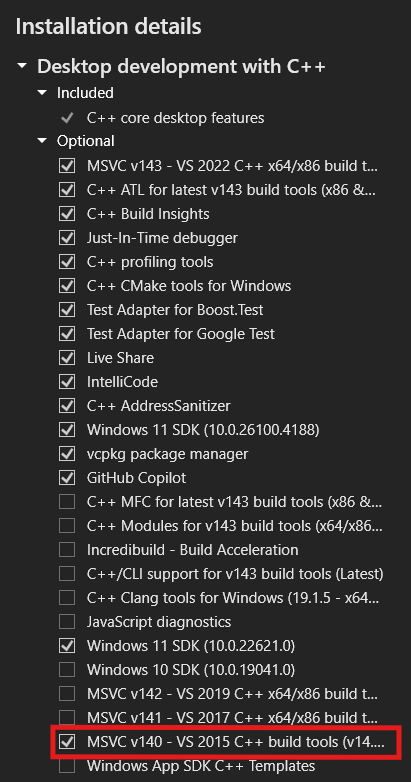
* 1. A few hours later…



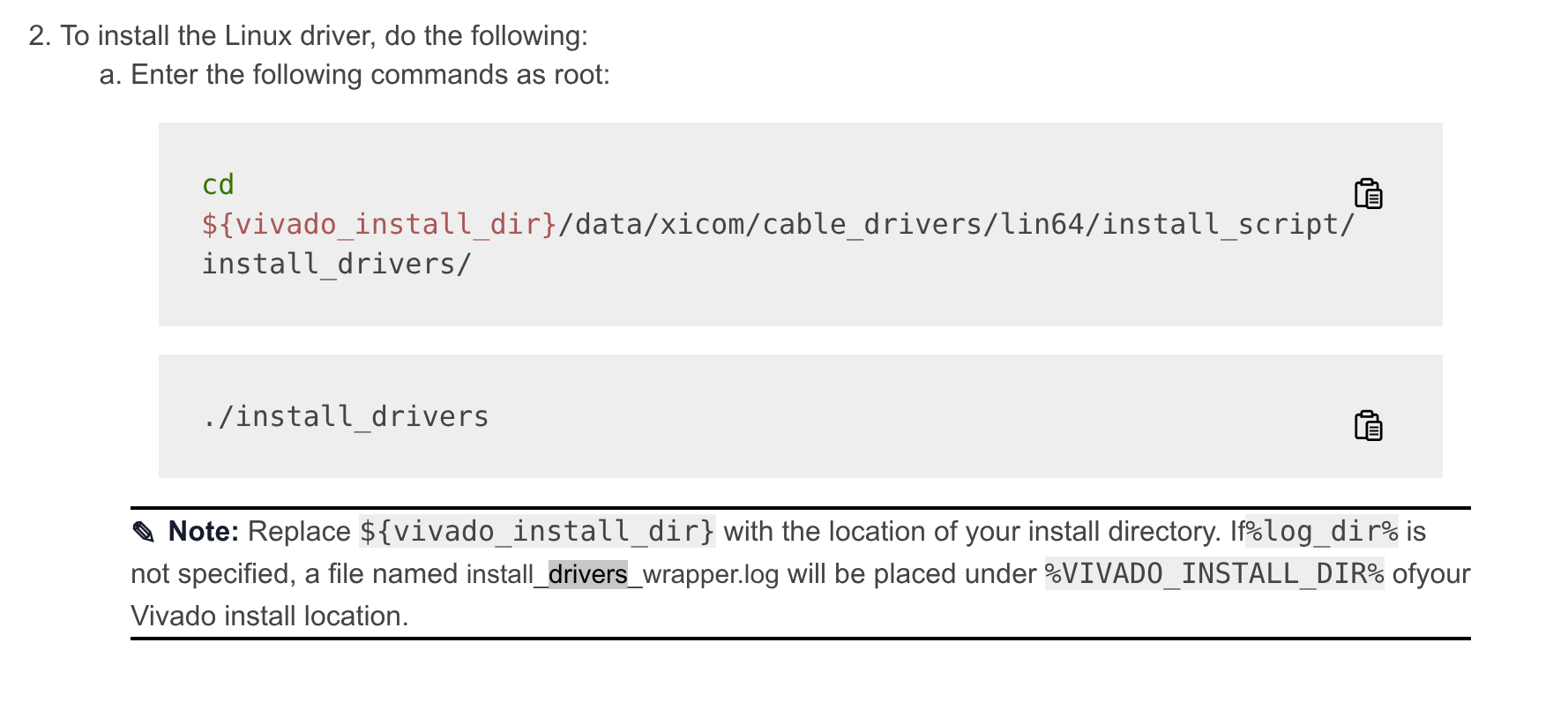
* 1. After this, you should be all set to go.

**Potential Installation Issue**

If you are running Windows and get an error saying that VCOMP140.dll was not found when opening Vitis/Vivado you may be missing a component of the Visual Studio 2015 redistributable. To resolve this error, install the Community Edition of Visual Studio 2022 and add the MSVC 2015 component, like shown in the below image. The other stuff checked is only important in case you want to do C/C++ development with Visual Studio.



# Linux Notes

* 2025.1 refused to start the installer, 2025.2 fixes this
* Install libtinfo5 and Libncurses5 or you will be stuck at “Generating installed device list”
* Installer does not set up cable drivers automatically. Run:
* For students running Linux, they need to make sure that they run the script ~~/tools/Xilinx/2025.1/Vivado/scripts/installLibs.sh~~ /tools/Xilinx/Vitis/2023.2/scripts/installLibs.sh once completing the normal installation process. This should get output over stdout/stderr when students run the installation executable. It looks like students need to use a supported OS to get Vivado to work. Would recommend using Ubuntu.