
EE705 VLSI DESIGN LAB

Release 1.0

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Course Related Material on EE705 is available [here](#).

ULTRAEMBEDDED INSTALLTION

RISC-V soc Installtion process

VIVADO INSTALLTION

Course Related Material on EE705 is available [here](#).

2.1 Windows Vivado Installtion

Vivado Installtion process

2.2 Linux Vivado Installtion

Vivado Installtion process

1. Open terminal and type these commands

```
sudo apt update & sudo apt upgrade
sudo apt install build-essential
sudo apt-get install libstdc++6:i386
sudo apt-get install libgtk2.0-0:i386
sudo apt-get install dpkg-dev:i386
sudo apt install python3-pip
sudo apt install libtinfo6 libncurses6
```

2. Download Vivado HLx 2020.2: All OS installer Single-File Download (TAR/GZIP - 43.07 GB)

click on this link [Vivado 2020.2](#)

3. After downloading go the folder where you have downloaded the tar.gz file.Open terminal on same location run these commands.

```
# change file name if it is different name
tar -xvf Xilinx_Unified_2020.2_1118_1232.tar.gz
cd Xilinx_Unified_2020.2_1118_1232/
chmod +x xsetup
sudo ./xsetup
```

4. Start Screen Visible
5. click next
6. click next
7. click next
8. click next
9. click next

2020.2

Vivado Design Suite - HLx Editions - 2020.2 Full Product Installation

Important Information

Vivado® Design Suite 2020.2 is now available

- Public access support for the Xilinx® Versal™ Platforms
- Petalinux now a part of Xilinx Unified Installer
- Access Block Design container now to create team-based designs
- Abstract Shell for Dynamic Function eXchange
- 2020.2 Introduces Vitis™ HLS for Vivado flows
- Add-on for MATLAB® and Simulink® (Unified Model Composer and System Generator)

We strongly recommend to use the web installers as it reduces download time and saves significant disk space.

Please see [Installer Information](#) for details.

Note:

- Download verification is only supported with Google Chrome and Microsoft Edge web browsers.
- Beginning this release, the Single File Download and the Webinstaller supports all products. Vivado Lab Solutions and Document Navigator are included in both the Single File Download and Webinstaller packages.

 [Vivado HLx 2020.2: All OS installer Single-File Download \(TAR/GZIP - 43.07 GB\)](#)

MD5 SUM Value : 523e8596f114ab5e389c14df50ecb1d8

Download Verification 

Digests

Signature

Public Key

Download Includes

Vivado Design Suite HLx Editions (All Editions)

Download Type

Full Product Installation

Last Updated

Nov 24, 2020

Answers

[2020.x - Vivado Known Issues](#)

Documentation

[Release Notes](#)
[OS Support Update](#)
[What's New in Vivado](#)

Support Forums

[Installation and Licensing](#)



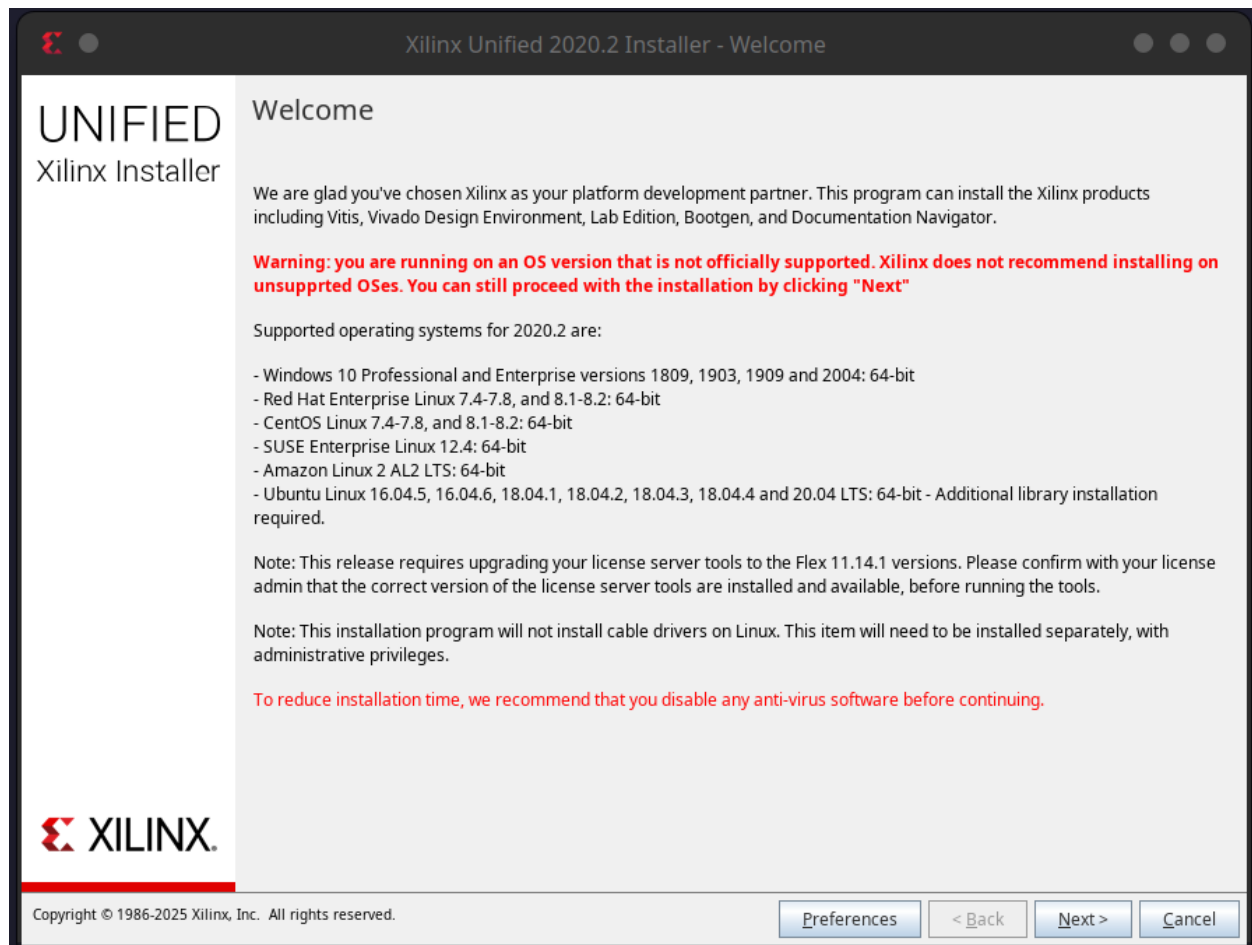
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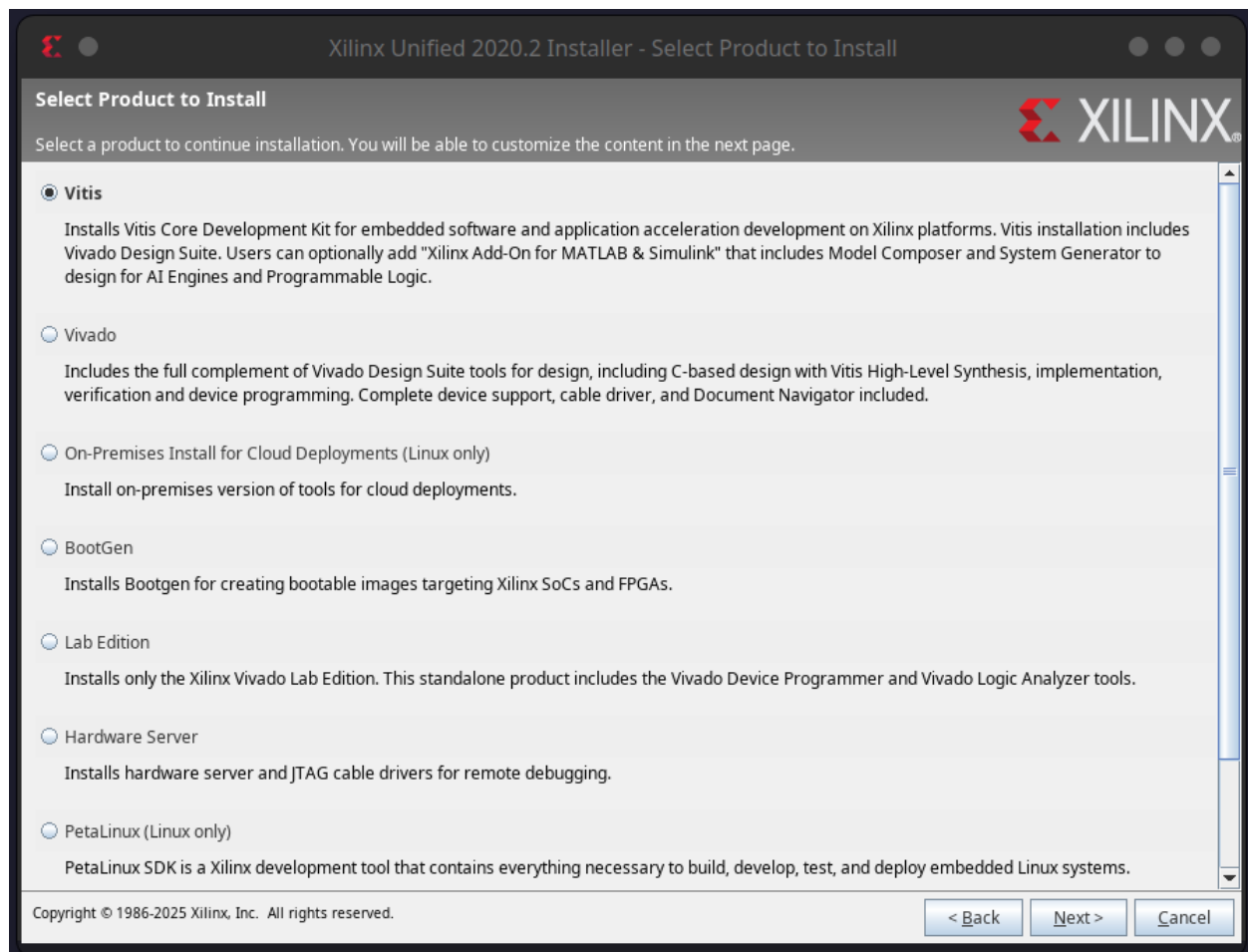
Xilinx Installer

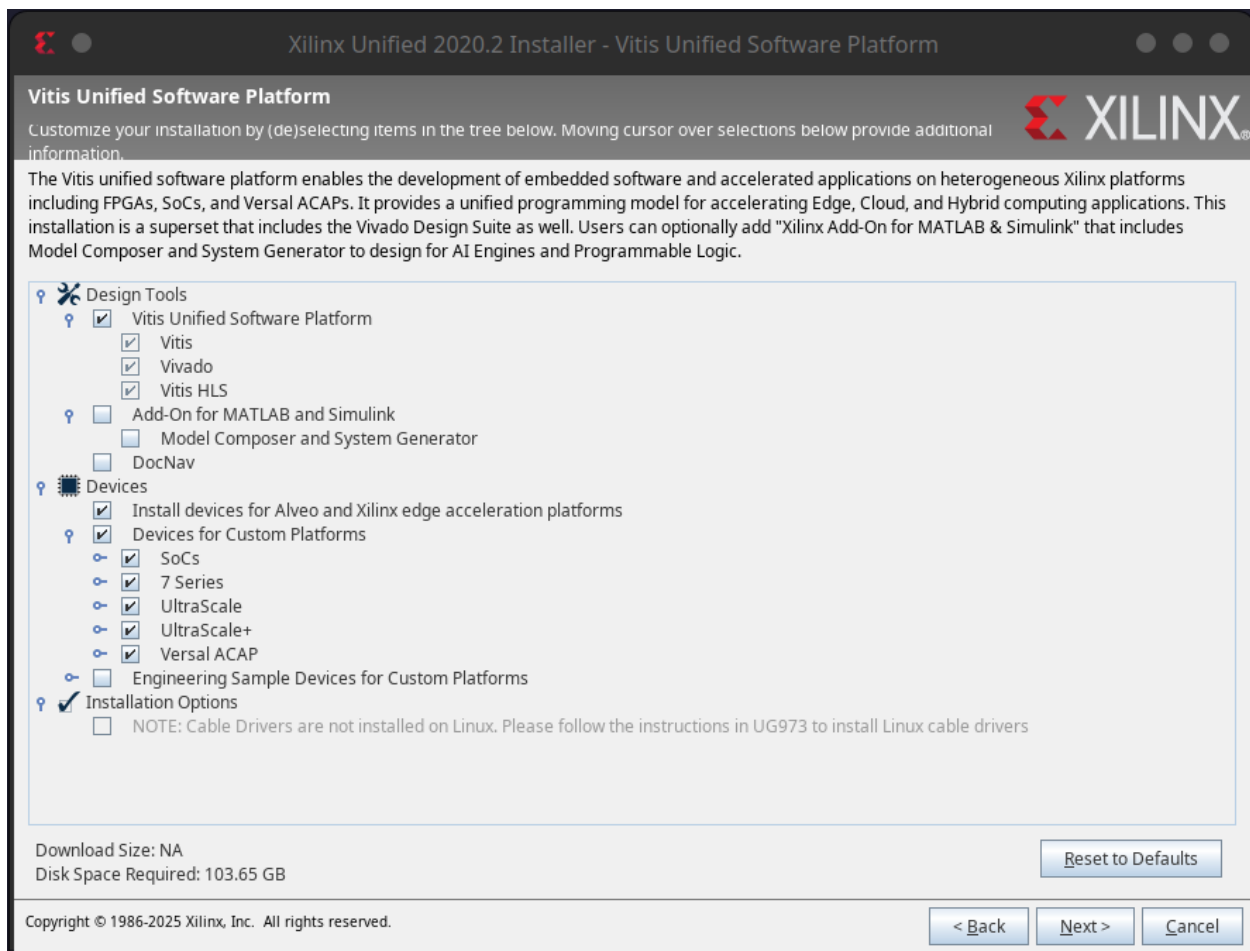
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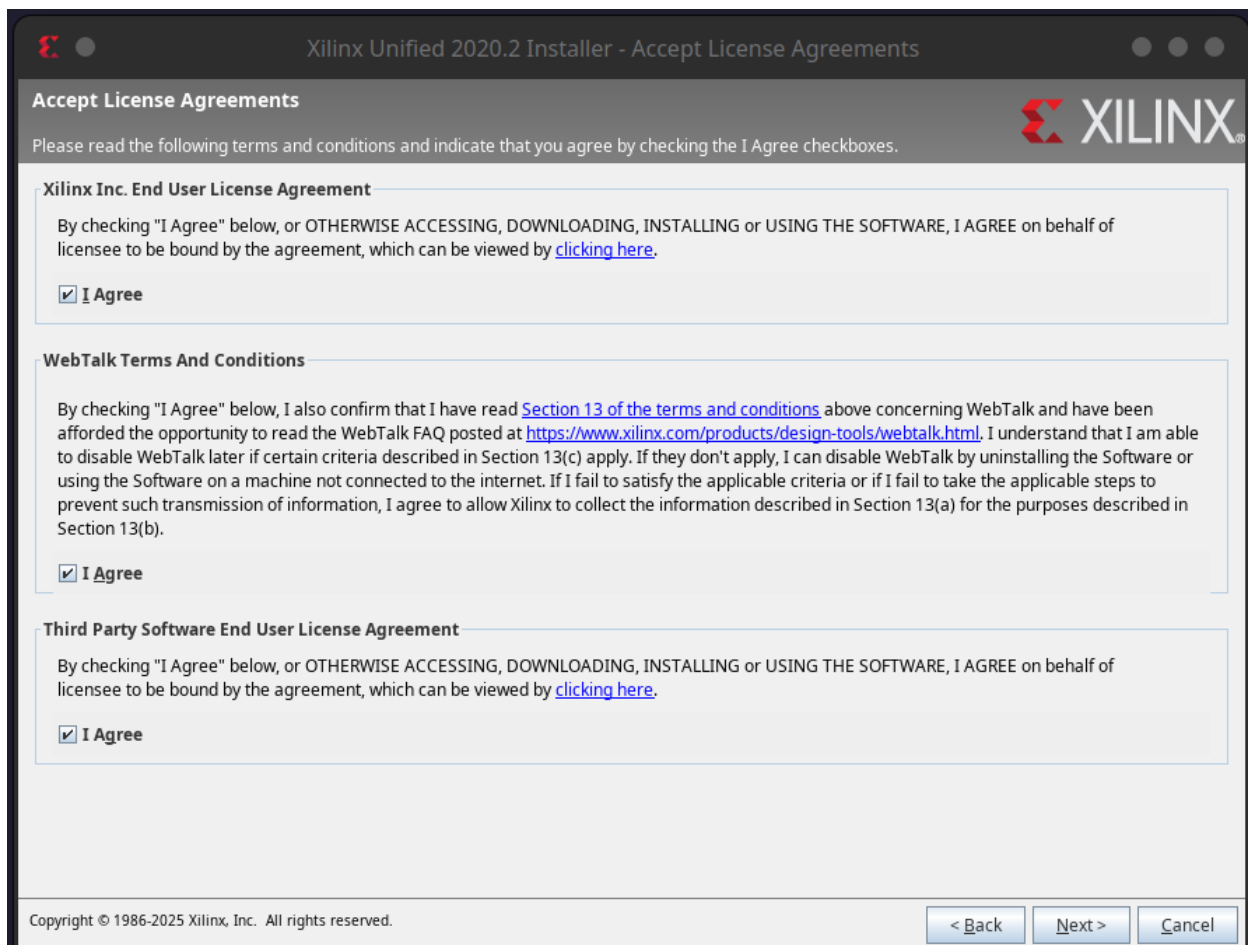
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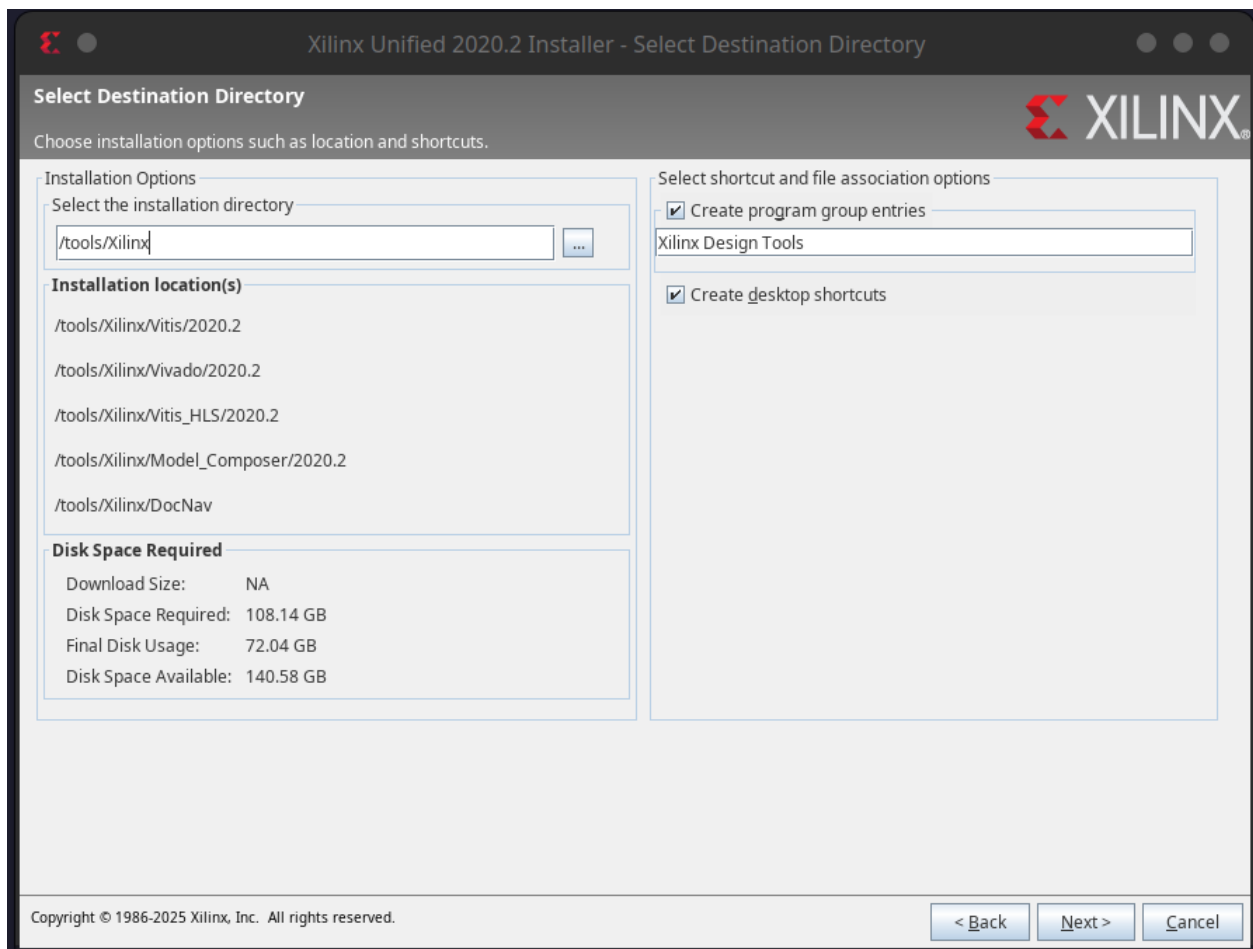
Loading installation data -











10. click next

