
EE705 VLSI DESIGN LAB

Release 1.0

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Jan 07, 2025

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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
./xsetup
```

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 \(TAR/GZIP - 43.07 GB\)](#)

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Vivado Design Suite HLx Editions (All Editions)

Download Type

Full Product Installation

Last Updated

Nov 24, 2020

Answers

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Documentation

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Support Forums

[Installation and Licensing](#)