Vivado Installation Instruction for EE4305: Computer Architecture Lab

- * Goto https://www.xilinx.com/support/download.html
- -- Choose 2019.1
- * Click the " Vivado HLx 2019.1: WebPACK ... "

Vivado HLx 2019.1: WebPACK and Editions - Windows Self Extracting Web Installer (EXE - 64.62 MB)

MD5 SUM Value : 743003070fb77857ad098bd6873bdf0b

* Sign in by providing user name and password. This initiates downloading of the installation file to a local directory.

Vivado Installation instruction is also available from the following link.

https://reference.digilentinc.com/vivado/installing-vivado/start

* After downloading the self-extracting installation file, run it by double clicking the file (icon) or choosing "Open" from the download status on the web page.

Xilinx_Vivado_SDK_Web_2019.1_*****_Win64.exe

* Allow network accesses through firewall when asked.

* In the second screen, provide your Xilinx User ID and password. Keep the default and click **Next**.

| E Vivado 2019.1 Installer - Select Install Type | | _ | - 1 | | × |
|---|---|-------------------------------|-----------------------|-------------------|---------|
| Select Install Type | | • | VII | IN | IV |
| Please select install type and provide your Xilinx.com user ID and password for authentication. | • | | | | |
| User Authentication Please provide your Xilinx user account credentials to download the required files. If you don't have an account, <u>please create one</u> . If you forgot your password, you can <u>reset it here</u> . User ID Password | | | | | |
| Download and Install Now Select your desired device and tool installation options and the installer will download and install just what is required. Downloaded use. NOTE: Future installs using these downloaded files will be restricted to the options selected during this install. For access to a Image". O Download Full Image (Install Separately) The installer will download an image containing all devices and tool options for later installation. Use this option if you wish to install different users maximum flexibility when installing. | installation file: I options later, a full image on | s will be choose a netw | e saved f e "Downl | or futu oad Fu | re I |
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* Check mark on all three "I Agree" and click Next.

| 2 Vivado 2019.1 Installer - Accept License Agreements | | _ | | × |
|---|---|---|--|----------|
| Accept License Agreements | • | | | |
| Please read the following terms and conditions and indicate that you agree by checking the I Agree checkboxes. | | | LII | |
| Xilinx Inc. End User License Agreement | | | | |
| By checking "I Agree" below, or OTHERWISE ACCESSING, DOWNLOADING, INSTALLING or USING THE SOFTWARE, I AGREE on behalf agreement, which can be viewed by <u>clicking here</u> . | oflicensee | to be bour | nd by the | : |
| ✓ I Agree | | | | |
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| ☑ I <u>A</u> gree | | | | |
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* Choose "Vivado HL WebPACK" and then click Next.

| 🐔 Vivado 2019.1 Installer - Select Edition to Install | - 🗆 X |
|--|---|
| Select Edition to Install | |
| Select an edition to continue installation. You will be able to customize the content in the next page. | |
| Vivado HL <u>W</u> ebPACK | |
| Vivado HL WebPACK is the no cost, device limited version of Vivado HL Design Edition. Users can optionally add Model Composer and installation. | System Generator for DSP to this |
| O Vivado HL Design Edition | |
| Vivado HL Design Edition includes the full complement of Vivado Design Suite tools for design, including C-based design with Vivado Hi verification and device programming. Complete device support, cable drivers and Documentation Navigator are included. Users can o installation. | gh-Level Synthesis, implementation, ptionally add Model Composer to this |
| O Vivado HL System Edition | |
| Vivado HL System Edition is a superset of Vivado HL Design Edition with the addition of System Generator for DSP. Complete device s Documentation Navigator are included. Users can optionally add Model Composer to this installation. | upport, cable drivers and |
| O Documentation Navigator (Standalone) | |
| Xilinx Documentation Navigator (DocNav) provides access to Xilinx technical documentation both on the Web and on the Desktop, Thi Vivado Design Suite. | is is a standalone installation without |
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* Keep the default on below screen and click **Next**.



* Leave the most selections to default, but change the users to "All users" and then click Next.

| Vivado 2019.1 Installer - Select Destination Directory | | | - | | × |
|---|--|----------------|----------------|------------|------|
| Select Destination Directory Choose installation options such as location and shortcuts. | | 8 | XI | LIN | ١X. |
| Installation Options Select the installation directory C: \u00fcdiinx C: \u00fcdiinx C: \u00fcdiinx C: \u00fcdiinx SDK\2019.1 C: \u00fcdiinx Download location C: \u00fcdiinx Downloads Space Required Download Size: 9.94 GB Disk Space Required: 39.99 GB Final Disk Usage: 23.28 GB Disk Space Available: 835.63 GB | Select shortcut and file association options Create program group entries Xilinx Design Tools Create glesktop shortcuts Create file associations Apply shortcut & file association selections to Current user Image: Select selection s | | | | |
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* In the "Installation Summary" page, click the Install button.

Installation takes a while (1 hour and 30 minutes in my PC), so you may want to do something else until it finishes installation.

* Click Install for installing Cable Drivers (this is the last step)

| E Windows Security | × |
|---|-------------|
| Would you like to install this device software? | |
| Name: Xilinx, Inc. Publisher: Xilinx Inc | |
| | |
| Always trust software from "Xilinx Inc". | I |
| You should only install driver software from publishers you trust. <u>How ca</u> <u>decide which device software is safe to install?</u> | <u>ın l</u> |