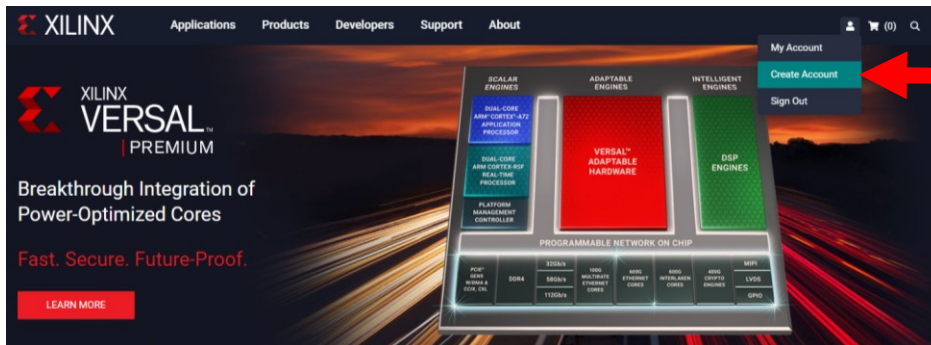
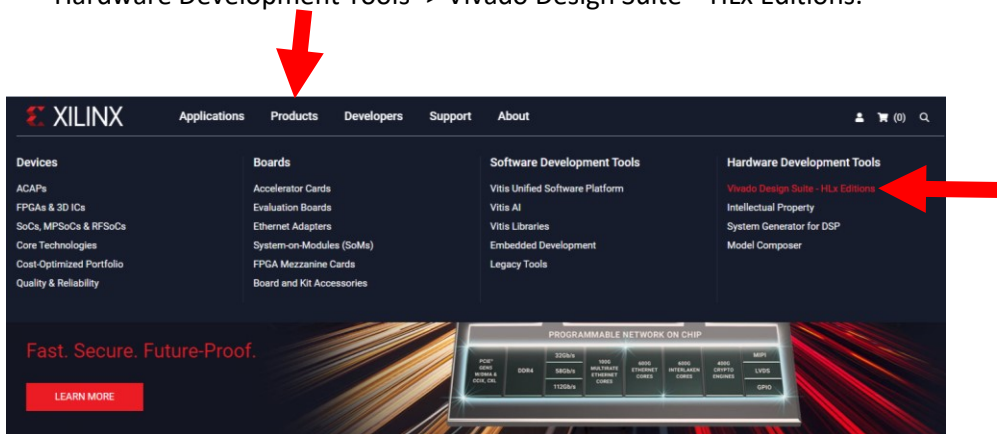


Vivado Free WebPack Setup Instructions

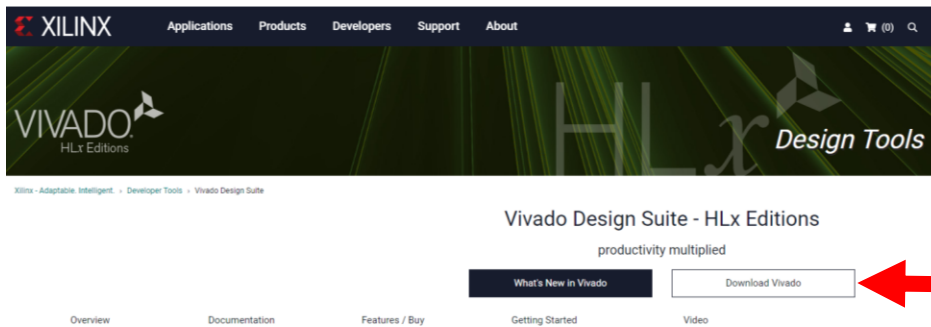
1. If you do not have a Xilinx account, go to www.xilinx.com and create one.



2. After creating the account, return to the main page of Xilinx.com and select Products -> Hardware Development Tools -> Vivado Design Suite – HLx Editions.



3. Click 'Download Vivado'.



Vivado Design Suite HLx Editions - Accelerating High Level Design

The new Vivado® Design Suite HLx editions supply design teams with the tools and methodology needed to leverage C-based design and optimized reuse, IP sub-system reuse, integration automation and

4. On the left-hand side, select Version 2018.3 to match the version installed in the lab.

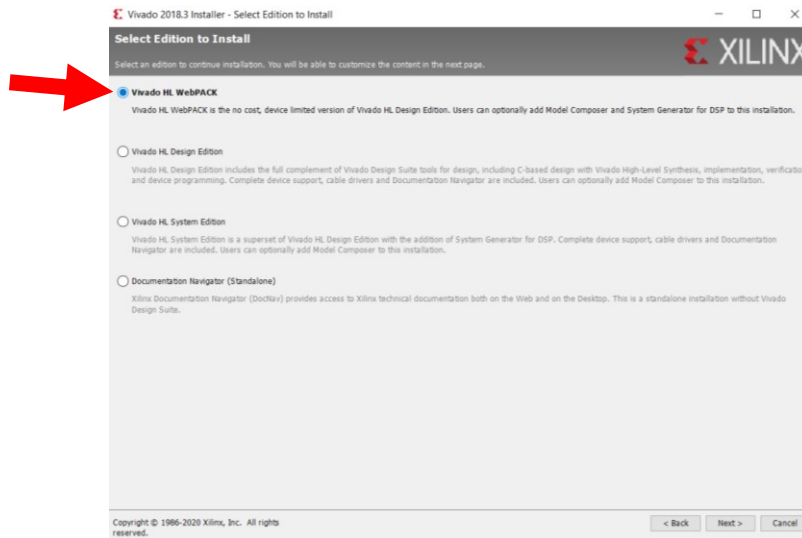
The screenshot shows the Xilinx Downloads page. The top navigation bar includes 'Applications', 'Products', 'Developers', 'Support', and 'About'. The main heading is 'Downloads'. Below it, there are tabs for 'Vivado (HW Developer)', 'Vitis (SW Developer)', 'Vitis Embedded Platforms', 'PetaLinux', and 'Device Models'. The 'Vivado (HW Developer)' tab is selected. On the left, under 'Version', the links are '2019.2', '2019.1', '2018.3' (highlighted with a red arrow), 'Vivado Archive', 'ISE Archive', 'CAE Vendor Libraries', and 'Archive'. The main content area is titled 'Vivado Design Suite - HLx Editions Update 1 - 2018.3'. It includes an 'Important' section with a list of enhancements and production devices enabled. To the right, there is a 'Download Includes' section with links for 'Download Includes', 'Last Updated', 'Answers', 'Support Forums', and 'Vivado Design Suite HLx Editions (All Editions)'.

5. Scroll down to the 'Vivado Design Suite – HLx Editions – 2018.3 Full Product Installation' section and click the link for the Windows Self Extracting Installer.

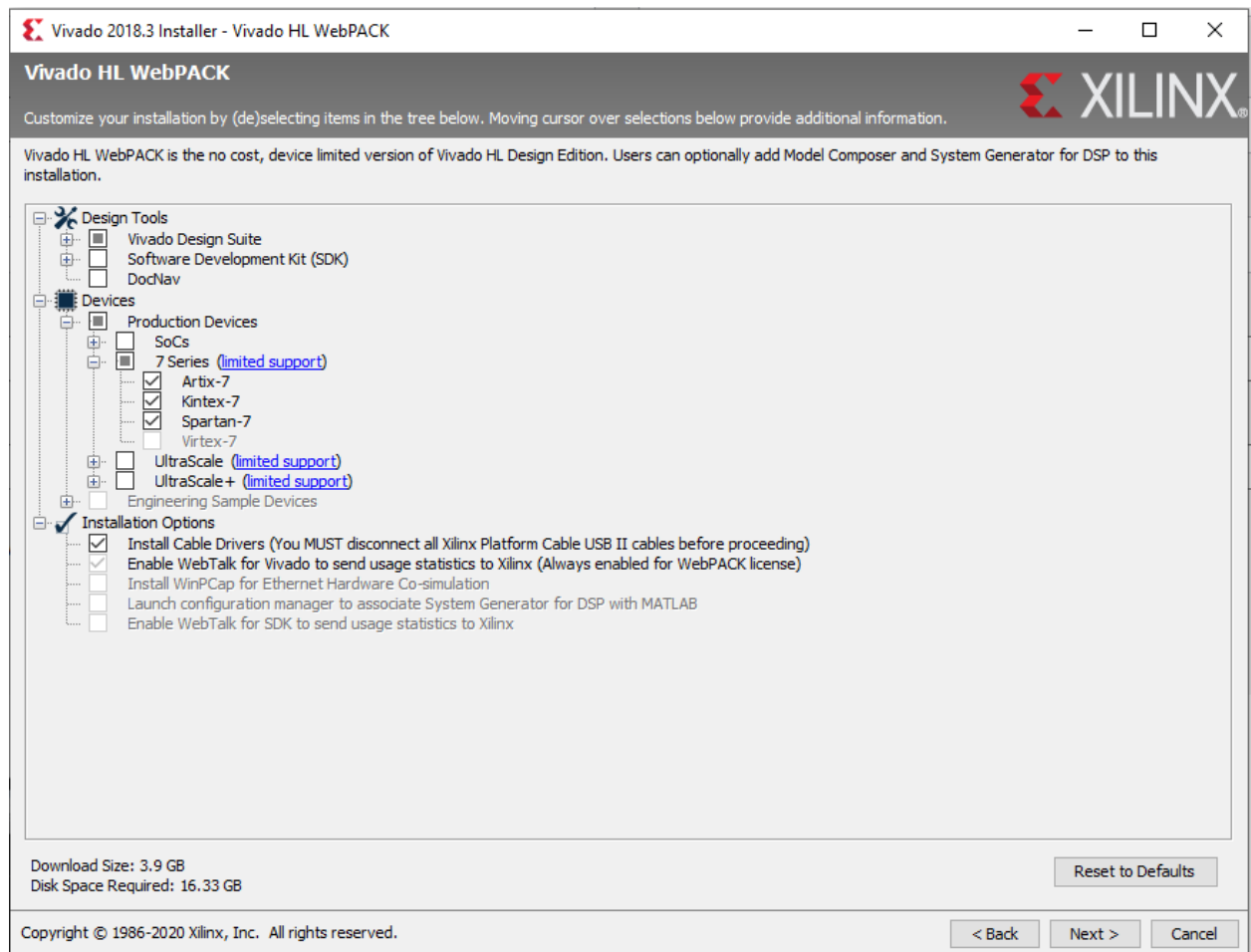
The screenshot shows the Xilinx Downloads page for 'Vivado Design Suite - HLx Editions - 2018.3 Full Product Installation'. The top navigation bar is the same as the previous screenshot. The main heading is 'Vivado Design Suite - HLx Editions - 2018.3 Full Product Installation'. It includes an 'Important' section with a note about using web installers. Below this, there are two download links: 'Vivado HLx 2018.3: WebPACK and Editions - Windows Self Extracting Web Installer (EXE - 62.66 MB)' and 'Vivado HLx 2018.3: WebPACK and Editions - Linux Self Extracting Web Installer (BIN - 112.56 MB)'. A red arrow points to the Windows Self Extracting Web Installer link. Below the links, there is a 'Download Verification' section with buttons for 'Digests', 'Signature', and 'Public Key'. At the bottom, there is a link for 'Vivado HLx 2018.3: All OS installer Single-File Download (TAR/GZIP - 18.97 GB)' with its own 'Download Verification' section.

6. Run the installer once it has finished downloading. Run through the steps, using your Xilinx account when prompted.

7. When you get to the 'Select Addition to Install' menu, select Vivado HL WebPACK.



8. To save disk space and download/installation time, only select the items shown below.



9. Follow the prompts to complete installation. The installation might take up to a few hours to complete.
10. Once complete, open Vivado 2018.3 and use it as you would in the lab.
11. NOTE: As I've been using it, I have seen a problem where sometimes when I simulate, then change the top/simulation module and try to run another test, it fails due to a project file error. To resolve this, close the previous simulation (near the top of the screen in light blue). Then, on the right side, right-click on Simulation and click 'Reset Behavioral Simulation'. Then run your new simulation.