

Xilinx Vivado 16.2 Design Suite Installation

- Go to: <https://www.xilinx.com/>
 - Support
 - Downloads & Training
 - Archive
 - 2016.2
 - Vivado HLx 2016.2: Windows Web Installer
- Create a new account with Xilinx. Use rpi email address.
- Download and install 2016.2: Windows web installer.

Licensing

- Once the installation finishes, you will see the Vivado License Manager window pop up.
- Select the option of “*Get Free ISE Webpack, ISE/Vivado IP or PetaLinux Licenses*” and click Connect Now.
- You may need to sign in with your Xilinx account credentials.
- Under “Create New Licenses” and “Certificate Based Licenses”.
- Select “Vivado Design Suite: HL WebPACK 2015 and Earlier License” and then click “Generate Node-Locked License”.
- Xilinx will email you the license key → Xilinx.lic.
- Load this license key file in the Vivado License Manager under “Load License”, “Certificate Based Licenses”, Click “Copy License”.

A Known Issue with installation

Vivado does not recognize Microsoft Visual C++ 2012 Redistributable even when it is installed correctly. This issue is common on newer versions of windows; windows 10.

Fix:

Here is a forum post discussing this problem and how to fix it:

<https://forums.xilinx.com/t5/Installation-and-Licensing/Vivado-Xilinx-SDK-Error-Incorrect-Visual-C-Version/td-p/442628/page/2>

Uninstall the newer versions of the redistributable.

Install the old one that Vivado needs.

Reinstall the new versions that you had and Vivado should work fine.

Alternate Fix: Another way to solve this is to create an environment variable, XIL_PA_NO_REDIST_CHECK, and set the value to "1".