

VIVADO DOWNLOAD AND INSTALLATION:

The Vivado 2018.2 software is already installed on the computers in the Digital Electronics Lab, and are ready for immediate usage. **It is also required that you install such software on your own personal computer, preferably before coming for the first lab session.** Some quick guidelines on installing the required software for EE2026 on your personal computer is provided in this section.

Software Weblink

<https://www.xilinx.com/support/download.html>

Software Name [Mac version is not supported]

Vivado Design Suite - HLx Editions - 2018.2 [Last Updated: Jun 18, 2018]

Warning: Do not use other versions of the software. Only the **Vivado 2018.2** Windows version has been tested. Computer compatibility issues will occur with other versions of the software, and assessment of your project may not be possible. This will lead to loss of project marks if your project cannot be assessed.

The screenshot shows the Vivado 2018.2 download page. On the left, under 'Version', there are links for 2019.1, 2018.3, and an 'Archive' button with a yellow arrow pointing to it. In the center, a table lists download details: 'Download Includes' (Vivado Design Suite HLx Editions (All Editions)), 'Download Type' (Full Product Installation), 'Last Updated' (Jun 18, 2018), 'Answers' (2018.x - Vivado Known Issues), and 'Documentation' (Release Notes). On the right, two download options are shown: 'Vivado HLx 2018.2: WebPACK and Editions - Windows Self Extracting Web Installer (EXE - 50.56 MB)' and 'Vivado HLx 2018.2: All OS installer Single-File Download (TAR/GZIP - 17.11 GB)'. Red arrows point to the EXE and TAR/GZIP links, and a blue arrow points to the 'Last Updated' date.

Version
2019.1
2018.3
Archive

Download Includes	Download Type	Last Updated	Answers	Documentation
Vivado Design Suite HLx Editions (All Editions)	Full Product Installation	Jun 18, 2018	2018.x - Vivado Known Issues	Release Notes

Vivado HLx 2018.2: WebPACK and Editions - Windows Self Extracting Web Installer (EXE - 50.56 MB)
MD5 SUM Value : 1b00a38303ddb3bca5e84fa1b26685b0

Vivado HLx 2018.2: All OS installer Single-File Download (TAR/GZIP - 17.11 GB)
MD5 SUM Value : e878b370bb9d1dfc882b005550cfdbe

Select either one of the two available installers for download, based on your preference:

- Vivado HLx **2018.2**: WebPACK and Editions - Windows Self Extracting Web Installer (EXE - 50.56 MB)
- Vivado HLx **2018.2**: All OS installer Single-File Download (TAR/GZIP - 17.11 GB)

Registration is required for any downloads from the Xilinx website, but not required for installation and program usage.

Installation

During the installation phase, you will be given an option on the edition to install. The edition to be installed is:

- Vivado HL WebPACK

For subsequent customisation options, you can leave it to the default settings.

Post-Installation

Restart your computer before using the Vivado 2018.2 software. You may wish to uninstall the Xilinx Information Centre from the Windows control panel as it is not needed. This will prevent unnecessary pop-up messages by Xilinx from appearing.