

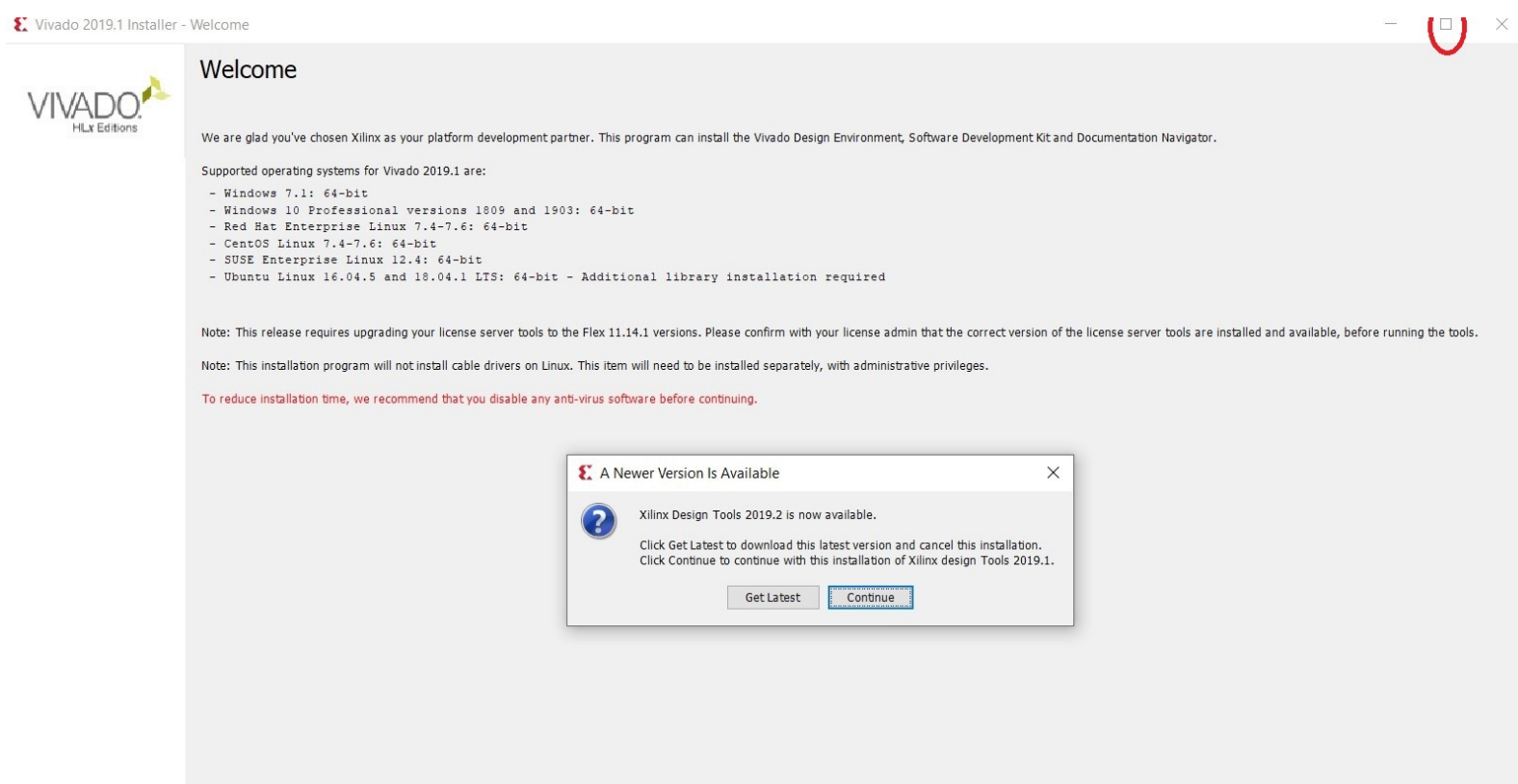
Xilinx SDK 2019.1 pika-asennus ohje:

1. aloittakaa asennus avaamalla:

Xilinx_Vivado_SDK_Web_2019.1_0524_1430_Win64.exe

Asennus ohjelman aukeamisessa saattaa kestää 1-2min.

2.Klikatkaa continue (uudempaa softaa ei haluta) ja sen jälkeen next. Jos next ei näy, pistäkää asennusohjelma kokoruudun tilaan



3.Rekisteröitykää (jos ette viä ole) ja sen jälkeen syöttäkää tunnuksenne. Pitäkää pallo: “Download and install now” kohdassa.

Vivado 2019.1 Installer - Select Install Type

Select Install Type

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, [please create one](#). If you forgot your password, you can [reset it here](#).

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 installation files will be saved for future use. NOTE: Future installs using these downloaded files will be restricted to the options selected during this install. For access to all options later, choose "Download Full Image".

☐ Download Full Image (Install Separat...

The installer will download an image containing all devices and tool options for later installation. Use this option if you wish to install a full image on a network drive or allow different users maximum flexibility when installing.

4.Valitkaa Vivado HL Webpack

Vivado 2019.1 Installer - Select Edition to Install

Select Edition to Install

Select an edition to continue installation. You will be able to customize the content in the next page.

☒ **Vivado HL WebPACK**

Vivado HL WebPACK is a no cost, device limited version of Vivado HL Design Edition. Users can optionally add Model Composer and System Generator for DSP to this installation.

☐ 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 High-Level Synthesis, implementation, verification and device programming. Complete device support, cable drivers and Documentation Navigator are included. Users can optionally add Model Composer to this installation.

☐ 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 support, cable drivers and Documentation Navigator are included. Users can optionally add Model Composer to this installation.

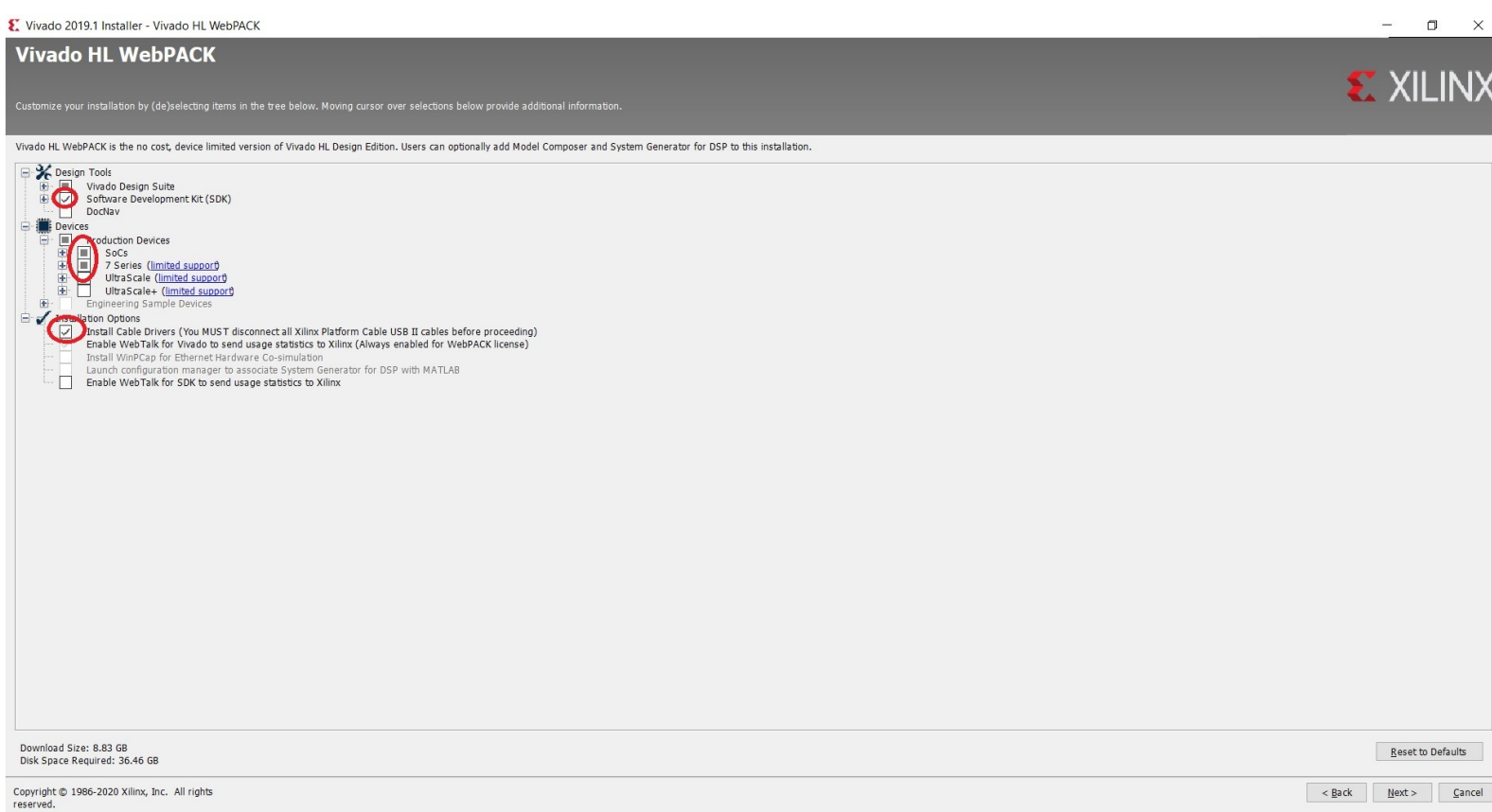
☐ Documentation Navigator (Standalone)

Xilinx Documentation Navigator (DocNav) provides access to Xilinx technical documentation both on the Web and on the Desktop. This is a standalone installation without Vivado Design Suite.

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5. Varmistakaa että punasella ympyröidyt on asennuksessa mukana



6. Valitkaa asennuskansio. Oletus asennus menee c-asemalle

Vivado 2019.1 Installer - Select Destination Directory

Select Destination Directory

Choose installation options such as location and shortcuts.

Installation Options

Select the installation directory

C:\Xilinx\...

Installation location(s)

C:\Xilinx\Vivado\2019.1

C:\Xilinx\SDK\2019.1

Download location

C:\Xilinx\Downloads\Vivado_2019.1

Disk Space Required

Download Size:	8.83 GB
Disk Space Required:	36.46 GB
Final Disk Usage:	21.94 GB
Disk Space Available:	338.12 GB

Select shortcut and file association options

☒ Create program group entries

Xilinx Design Tools

☒ Create desktop shortcuts

☒ Create file associations

Apply shortcut & file association selections to

☒ Current user

☐ All users

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7. Summaryn jälkeen next ja asennus alkaa

Vivado 2019.1 Installer - Installation Summary

Installation Summary

Edition: Vivado HL WebPACK

Devices

- Production Devices (SoCs, 7 Series)

Design Tools

- Vivado Design Suite (Vivado)
- Software Development Kit (SDK) (SDK Core Tools, Compiler Tool Chains)

Installation Options

- Enable WebTalk for Vivado to send usage statistics to Xilinx (Always enabled for WebPACK license)
- Install Cable Drivers (You MUST disconnect all Xilinx Platform Cable USB II cables before proceeding)

Installation location

- C:\Xilinx\Vivado\2019.1
- C:\Xilinx\SDK\2019.1

Download location

- C:\Xilinx\Downloads\Vivado_2019.1

Disk Space Required

- Download Size: 8.83 GB
- Disk Space Required: 36.46 GB
- Final Disk Usage: 21.94 GB

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Preferences < Back **Install** Cancel

8. Asennuksessa saattaa kestää jonkinaikaan. Suunnilleen 40min riipuen netin nopeudesta.

9. Kun asennus on valmis, niin yhdistäkää pynq koneeseen micro-usb kaapelilla. Huom: Seuratkaa harjoitustyöohjetta soveltaen esim. Teillä ei ole yhteyttä omalla koneella yliopiston verkkolevyllä P:, joten ladatkaa ja purkaka harkkapaketti sijaintiin missä EI ole välilyöntejä omalla koneella. Xilinx SDK saattaa seota jos tiedostopolussa on välilyöntejä.