

# First Use of Vivado from Windows Users

## Installation

### 1. Download Xilinx Unified Installer 2021.2: Windows Version

Prerequisite: you need to use either **Google Chrome** or **Microsoft Edge** internet browser!

- Register a new Xilinx account and log in: <https://login.xilinx.com/>
  - Register page: please write your **education email address**



Xilinx 账户创建

如需创建账户，请完成并提交下表。

激活确认电子邮件将自动发送至您指定的电子邮件地址。

名 \*

姓 \*

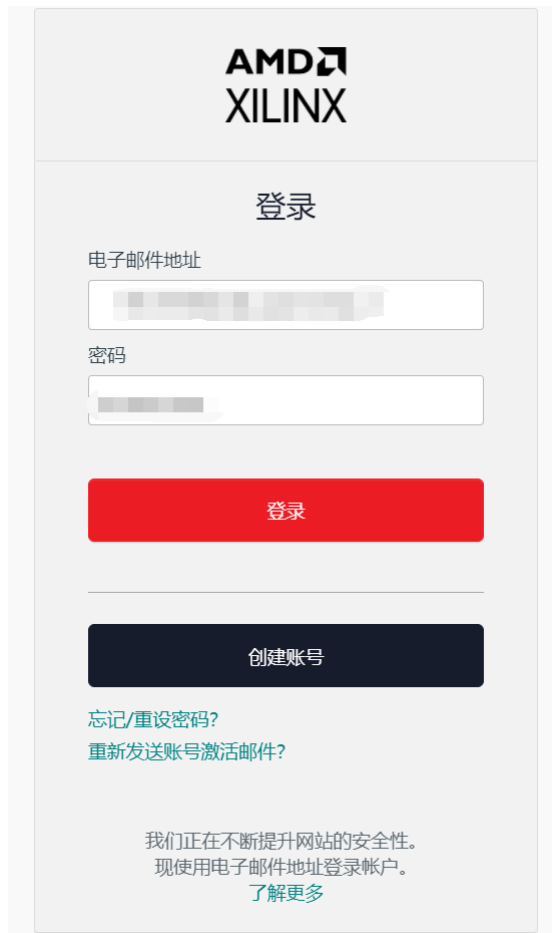
公司邮箱 \*

注: 使用非公司电子邮件地址可能会限制您访问客户支持、产品评估和安全站点。


居住地区 \*

语言选择 \*


- Login page

The image shows the login page of the AMD Xilinx website. At the top, the AMD and XILINX logos are displayed. Below them is the title '登录' (Login). There are two input fields: '电子邮件地址' (Email Address) and '密码' (Password). Below these fields are two buttons: a red '登录' (Login) button and a dark blue '创建账号' (Create Account) button. Below the '创建账号' button are two links: '忘记/重设密码?' (Forgot/Reset Password?) and '重新发送账号激活邮件?' (Resend Account Activation Email?). At the bottom, there is a notice in Chinese: '我们正在不断提升网站的安全性。现使用电子邮件地址登录帐户。' (We are continuously improving the security of the website. Currently using email address to log in to the account.) followed by a link '了解更多' (Learn More).

- Go to the official website: <https://china.xilinx.com/support/download.html>
- Click Xilinx Unified Installer 2021.2 (Windows Version)

 赛灵思统一安装程序 (Xilinx Unified Installer 2021.2): Windows 自解压 Web 安装程序  
(EXE - 212.41 MB)

MD5 SUM Value : 76b60fc6a74338066f4e4dd0a855ec93


下载验证 

摘要

签名

公钥

- Fill the Name and Address Verification and click **Download** button
2. Execute Xilinx Unified Installer 2021.2: Windows Version
- Disable any anti-virus software and any power saving settings before installation
  - Enter your user account
  - Click **Download and Install Now**

 Xilinx Unified 2021.2 Installer - Select Install Type

Select Install Type

Please select install type and provide your Xilinx.com E-mail Address 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](#).

E-mail Address

Password

☒ Download and Install Now

Select your desired device and tool installation options and the installer will download and install just what is required.


☐ Download 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 a full image on a network drive or allow different users maximum flexibility when installing.

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< Back Next > Cancel

o Select **Vivado**

 Xilinx Unified 2021.2 Installer - Select Product to Install

Select Product to Install

Select a product to continue installation. You will be able to customize the content in the next page.

☐ Vitis

Installs Vitis Core Development Kit for embedded software and application acceleration development on Xilinx platforms. Vitis installation includes Vivado Design Suite. Users can also install Vitis Model Composer to design for AI Engines and Programmable Logic in MATLAB and Simulink.

☒ Vivado

Includes the full complement of Vivado Design Suite tools for design, including C-based design with Vitis High-Level Synthesis, implementation, verification and device programming. Complete device support, cable driver, and Document Navigator included. Users can also install Vitis Model Composer to design for AI Engines and Programmable Logic in MATLAB and Simulink.

☐ BootGen

Installs Bootgen for creating bootable images targeting Xilinx SoCs and FPGAs.

☐ Lab Edition

Installs only the Xilinx Vivado Lab Edition. This standalone product includes the Vivado Device Programmer and Vivado Logic Analyzer tools.

☐ Hardware Server

Installs hardware server and JTAG cable drivers for remote debugging.

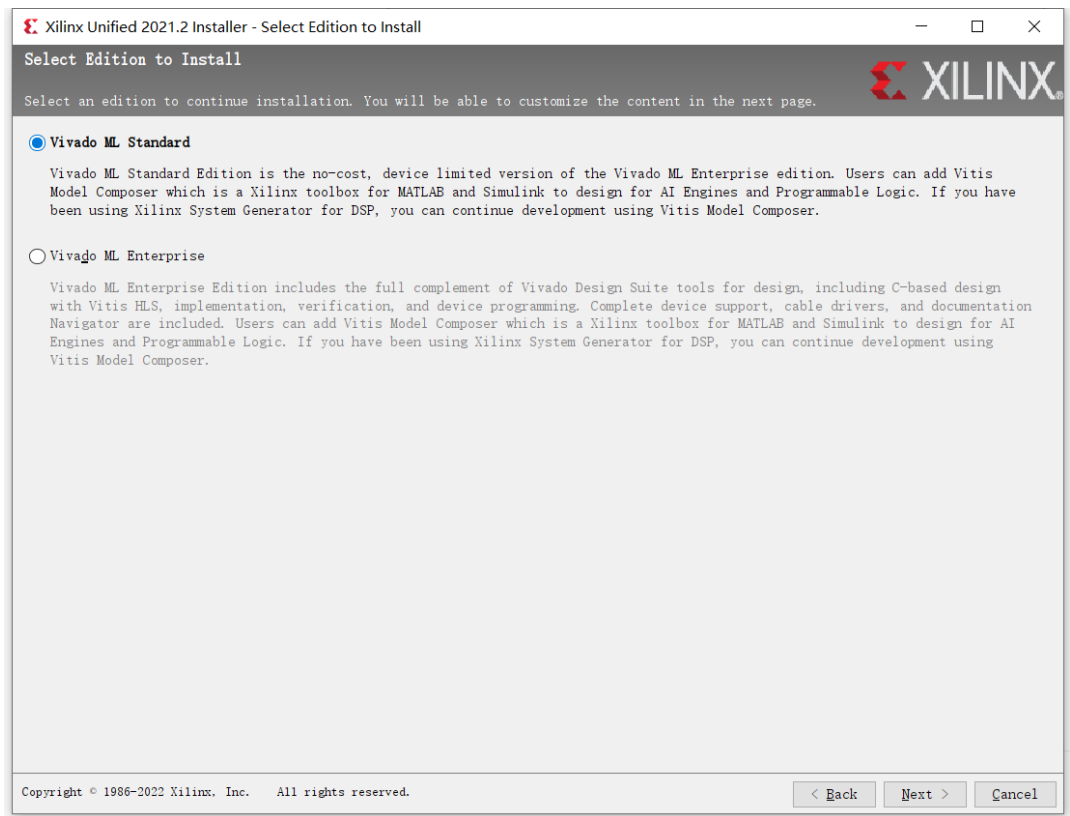
☐ Documentation Navigator (Standalone)

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.

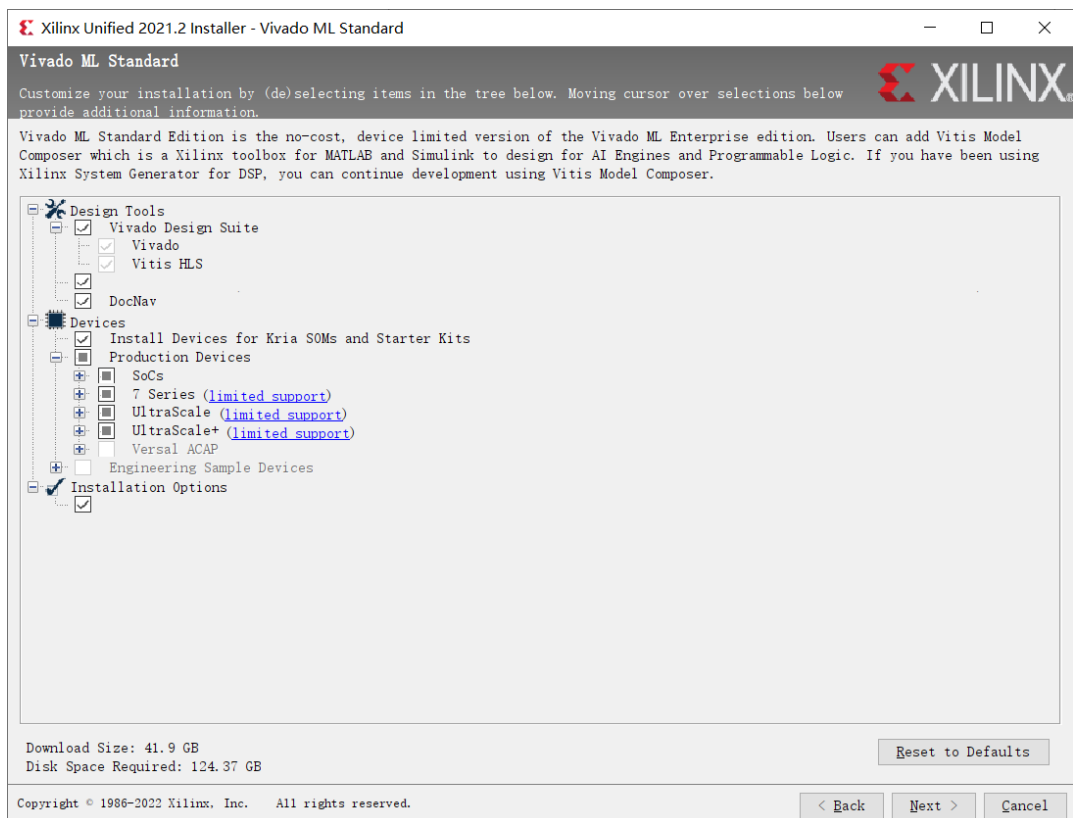
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< Back Next > Cancel

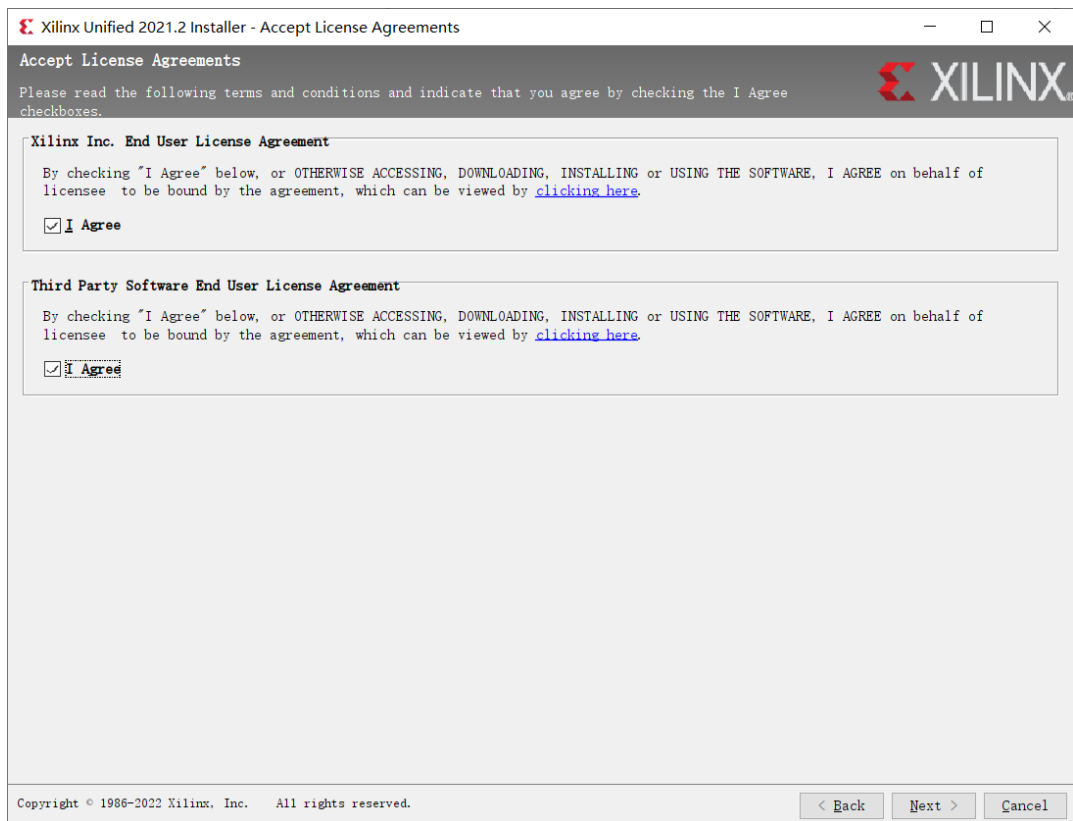
o Select **Vivado ML Standard**



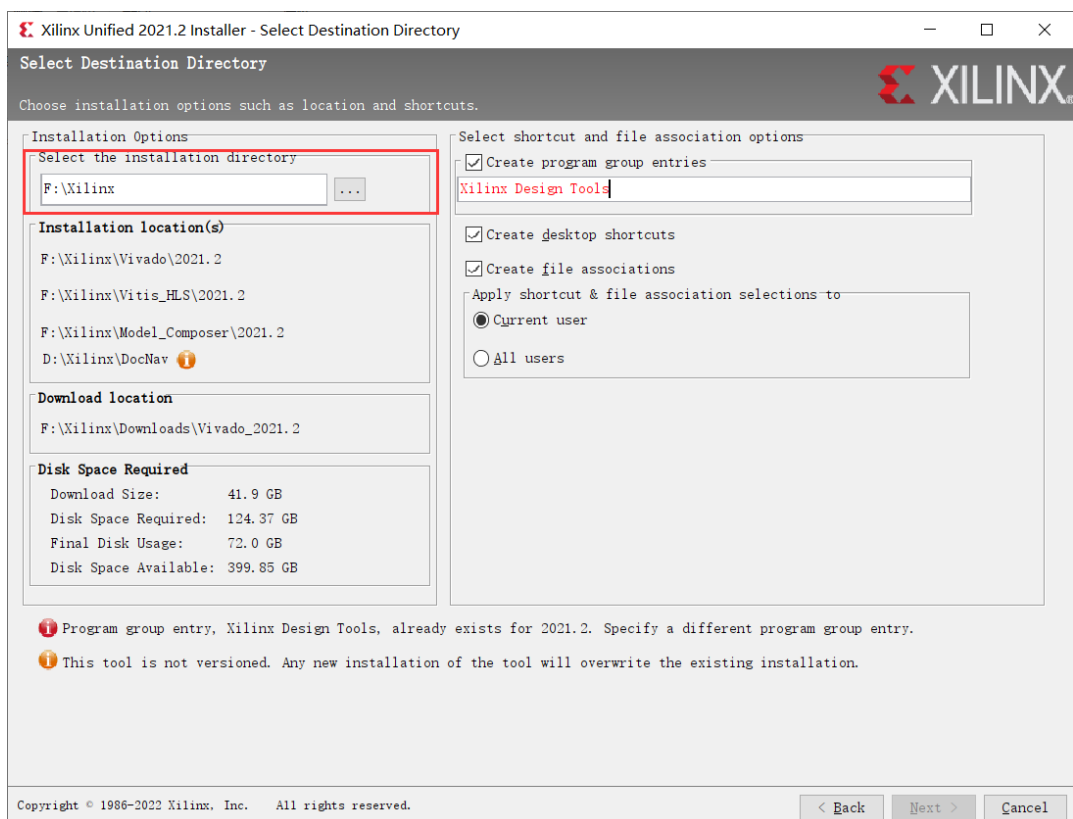
- Maintain the default setting and click **Next**



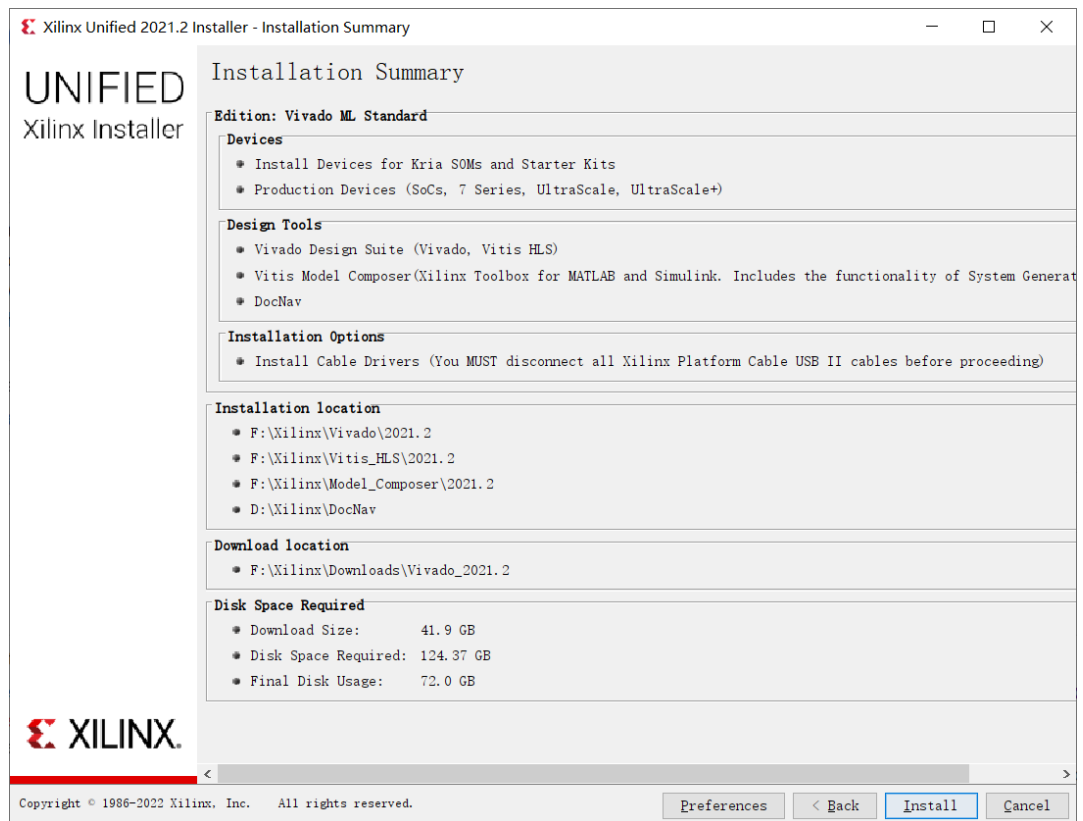
- Agree the Licence agreement and click **Next**



- Select the installation directory: it's not suggested to install it in your system drive (usually the C Drive)



- Confirm the installation options and click **Install**



- Installing: it's suggested to accelerate the installation by VPN, though it still takes hours to complete
- After the installation finishes, reboot your computer in case something unexpected might happen

## Use

怎么使用vivado...