



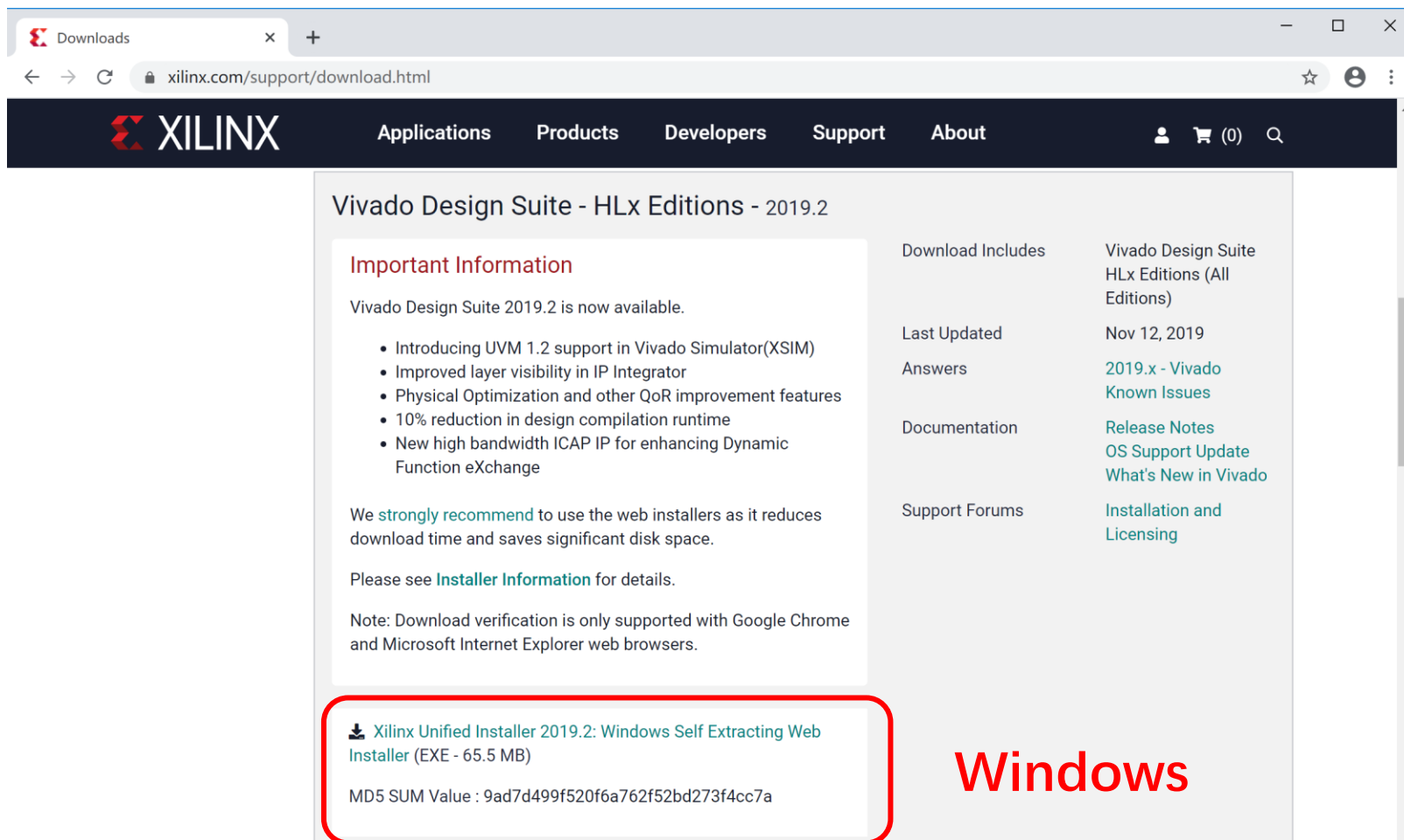
Vivado 2019.2

安装步骤

运行下面的文件：

 Xilinx_Unified_2019.2_1106_2127_Win64.exe	2020/5/3 8:16	应用程序	67,071 KB
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或者访问：<https://www.xilinx.com/support/download.html>



Vivado Design Suite - HLx Editions - 2019.2

Important Information

Vivado Design Suite 2019.2 is now available.

- Introducing UVM 1.2 support in Vivado Simulator(XSIM)
- Improved layer visibility in IP Integrator
- Physical Optimization and other QoR improvement features
- 10% reduction in design compilation runtime
- New high bandwidth ICAP IP for enhancing Dynamic Function eXchange

We **strongly recommend** to use the web installers as it reduces download time and saves significant disk space.

Please see [Installer Information](#) for details.

Note: Download verification is only supported with Google Chrome and Microsoft Internet Explorer web browsers.

Download Includes

Vivado Design Suite HLx Editions (All Editions)

Last Updated

Nov 12, 2019

Answers

[2019.x - Vivado Known Issues](#)

Documentation

[Release Notes](#)
[OS Support Update](#)
[What's New in Vivado](#)

Support Forums

[Installation and Licensing](#)

Windows

[Xilinx Unified Installer 2019.2: Windows Self Extracting Web Installer \(EXE - 65.5 MB\)](#)

MD5 SUM Value : 9ad7d499f520f6a762f52bd273f4cc7a

还有Linux版，Mac需要安装虚拟机

Welcome

We are glad you've chosen Xilinx as your platform development partner. This program can install the Xilinx products including Vitis, Vivado Design Environment, Lab Edition, Bootgen, and Documentation Navigator.

Supported operating systems for 2019.2 are:

- Windows 7.1: 64-bit
- Windows 10 Professional versions 1809 and 1903: 64-bit
- Red Hat Enterprise Linux 7.4-7.6: 64-bit
- CentOS Linux 7.4-7.6: 64-bit
- SUSE Enterprise Linux 12.4: 64-bit
- Amazon Linux 2 AL2 LTS: 64-bit
- Ubuntu Linux 16.04.5, 16.04.6, 18.04.1 and 18.04.2 LTS: 64-bit - Additional library installation required

Note: This release requires upgrading your license server tools to the Flex 11.14.1 versions. Please confirm with your license admin that the correct version of the license server tools are installed and available, before running the tools.

Note: This installation program will not install cable drivers on Linux. This item will need to be installed separately, with administrative privileges.

To reduce installation time, we recommend that you disable any anti-virus software before



Xilinx Unified 2019.2 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

xgsun98@qq.com

Password

●●●●●●●●●●●●●●●●

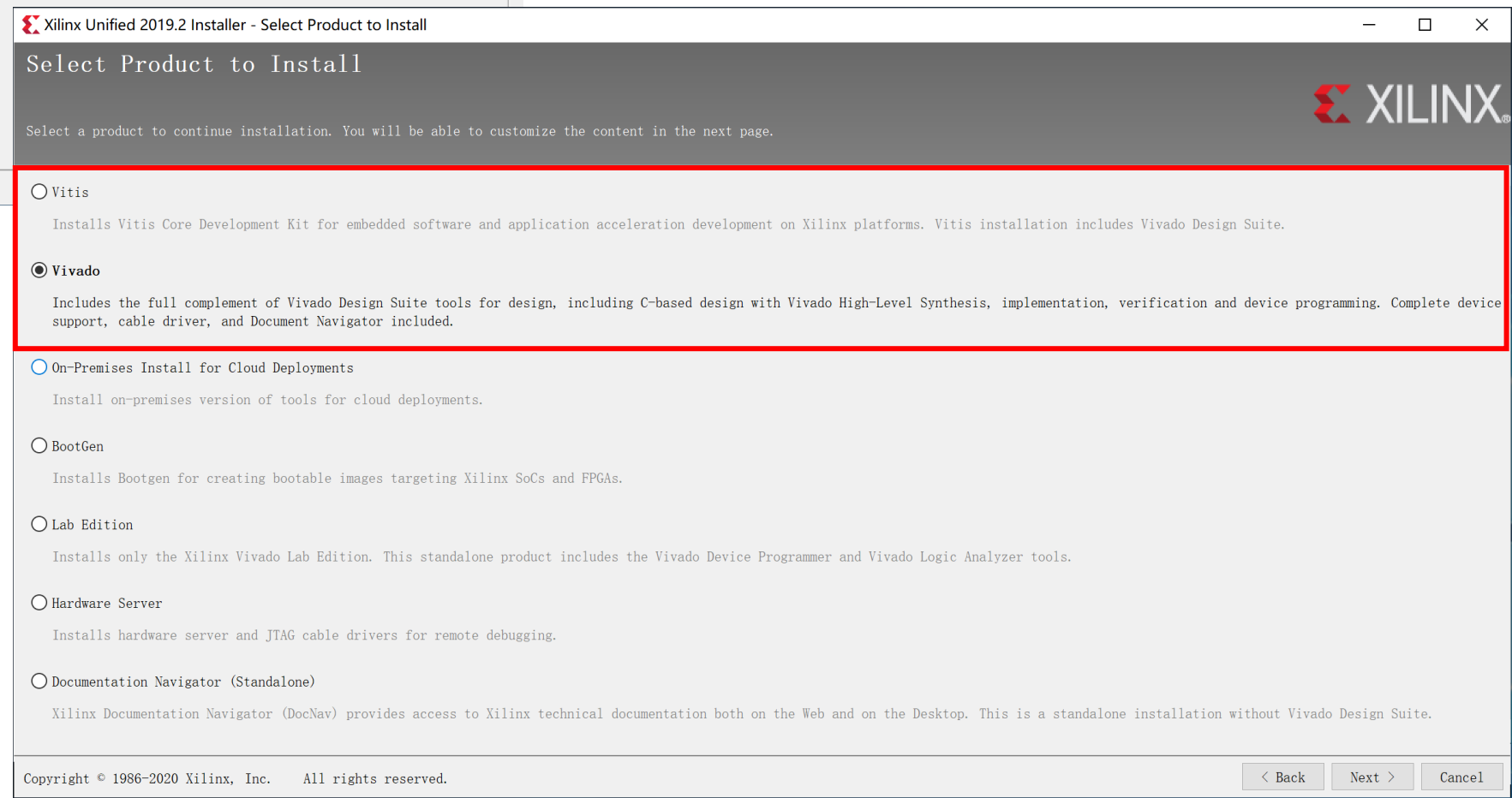
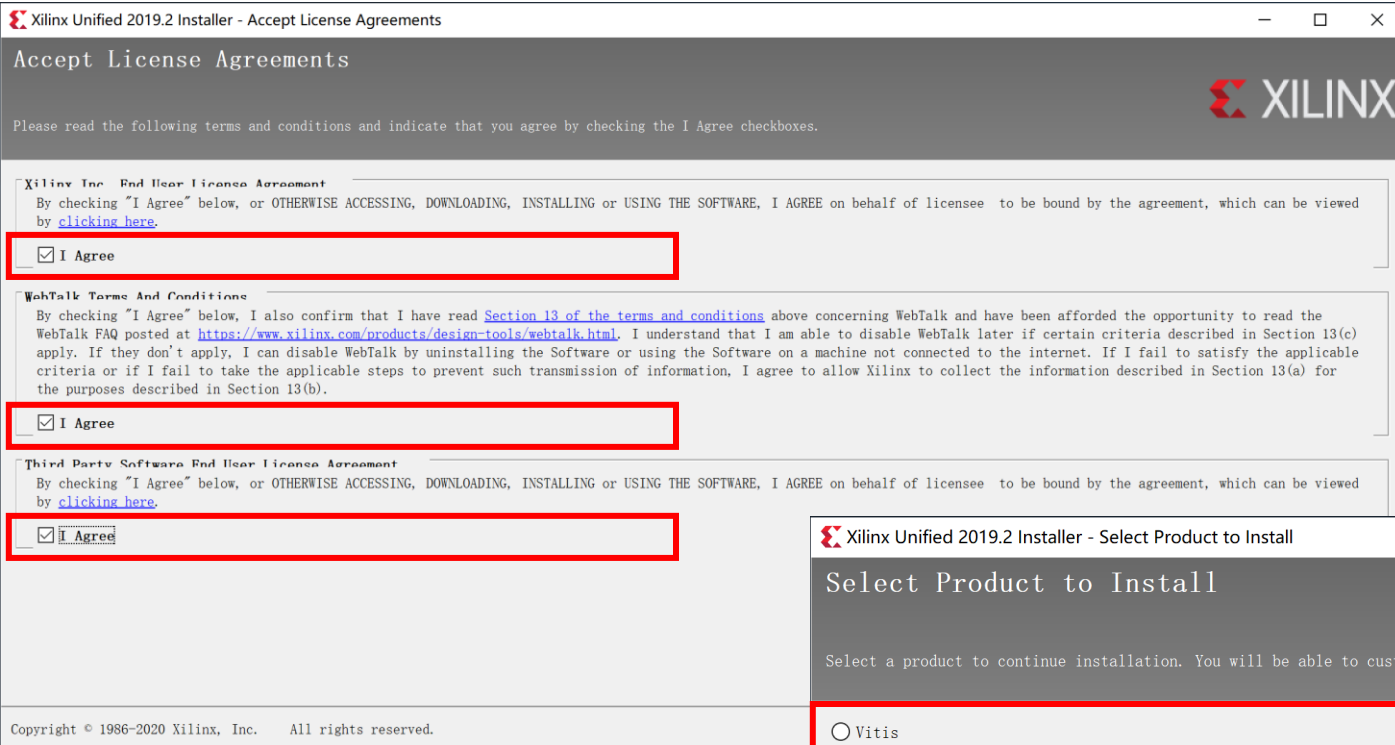
需要先注册一个账号

☒ 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 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.



如果安装Vitis，默认安装Vivado

如果先装Vivado，则无法安装Vitis

数字逻辑课只需要Vivado

Vivado用于硬件开发

Vitis用于软件开发，C、C++

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 the 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. optionally add Model Composer to this installation.

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Xilinx Unified 2019.2 Installer - Vivado HL WebPACK

Vivado HL WebPACK



Customize your installation by (de)selecting items in the tree below. Moving cursor over selections below provide additional information.

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

- ☒ Design Tools
 - ☒ Vivado Design Suite
 - ☒ DocNav
- ☒ Devices
 - ☐ Production Devices
 - ☒ SoCs
 - ☒ 7 Series ([limited support](#))
 - ☒ Artix-7
 - ☒ Kintex-7
 - ☒ Spartan-7
 - ☐ Virtex-7
 - ☐ UltraScale ([limited support](#))
 - ☐ UltraScale+ ([limited support](#))
 - ☐ Engineering Sample Devices
- ☒ Installation Options
 - ☒ Install Cable Drivers (You MUST disconnect all Xilinx Platform Cable USB II cables before proceeding)
 - ☒ Enable WebTalk for Vivado to send usage statistics to Xilinx (Always enabled for WebPACK license)
 - ☐ Install WinPCap for Ethernet Hardware Co-simulation
 - ☐ Launch configuration manager to associate System Generator for DSP with MATLAB

只选Artix-7就够了

Download Size: 11.34 GB
Disk Space Required: 35.42 GB

Reset to Defaults

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< Back

Next >

Cancel

Xilinx Unified 2019.2 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\2019.2

C:\Xilinx\DocNav

Download location

C:\Xilinx\Downloads\Vivado_2019.2

Disk Space Required

Download Size:	11.34 GB
Disk Space Required:	35.42 GB
Final Disk Usage:	21.16 GB
Disk Space Available:	408.46 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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Xilinx Unified 2019.2 Installer - Installation Summary

UNIFIED
Xilinx Installer

Installation Summary

Edition: Vivado HL WebPACK

Devices

Design Tools

- Vivado Design Suite (Vivado)
- DocNav

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\2019.2
- C:\Xilinx\DocNav

Download location

- C:\Xilinx\Downloads\Vivado_2019.2

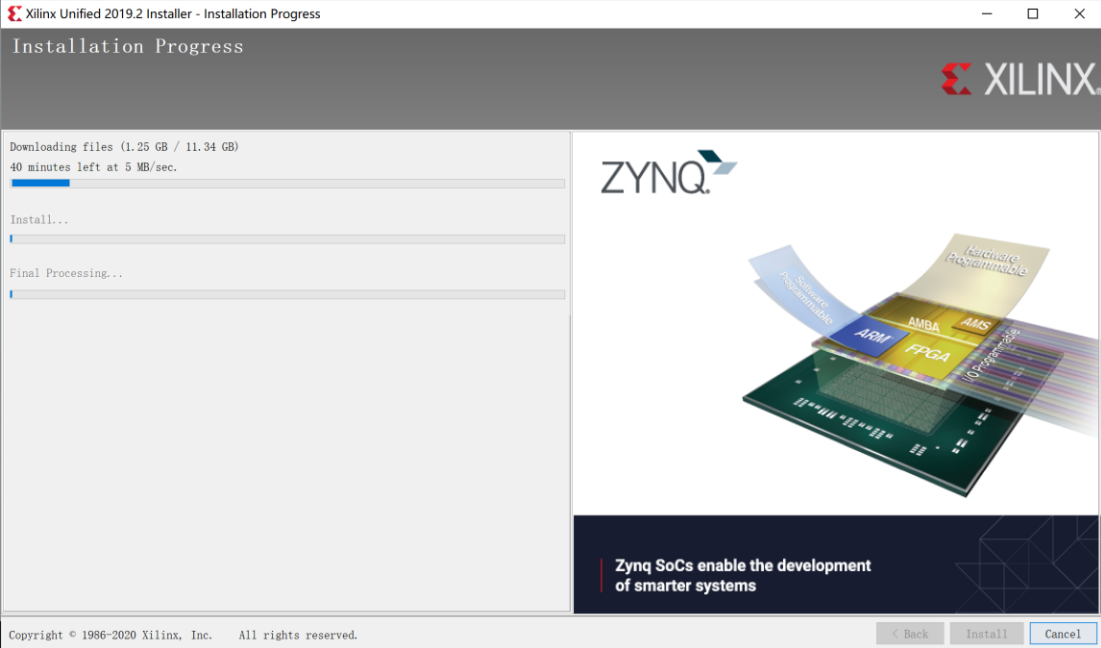
Disk Space Required

- Download Size: 11.34 GB
- Disk Space Required: 35.42 GB
- Final Disk Usage: 21.16 GB

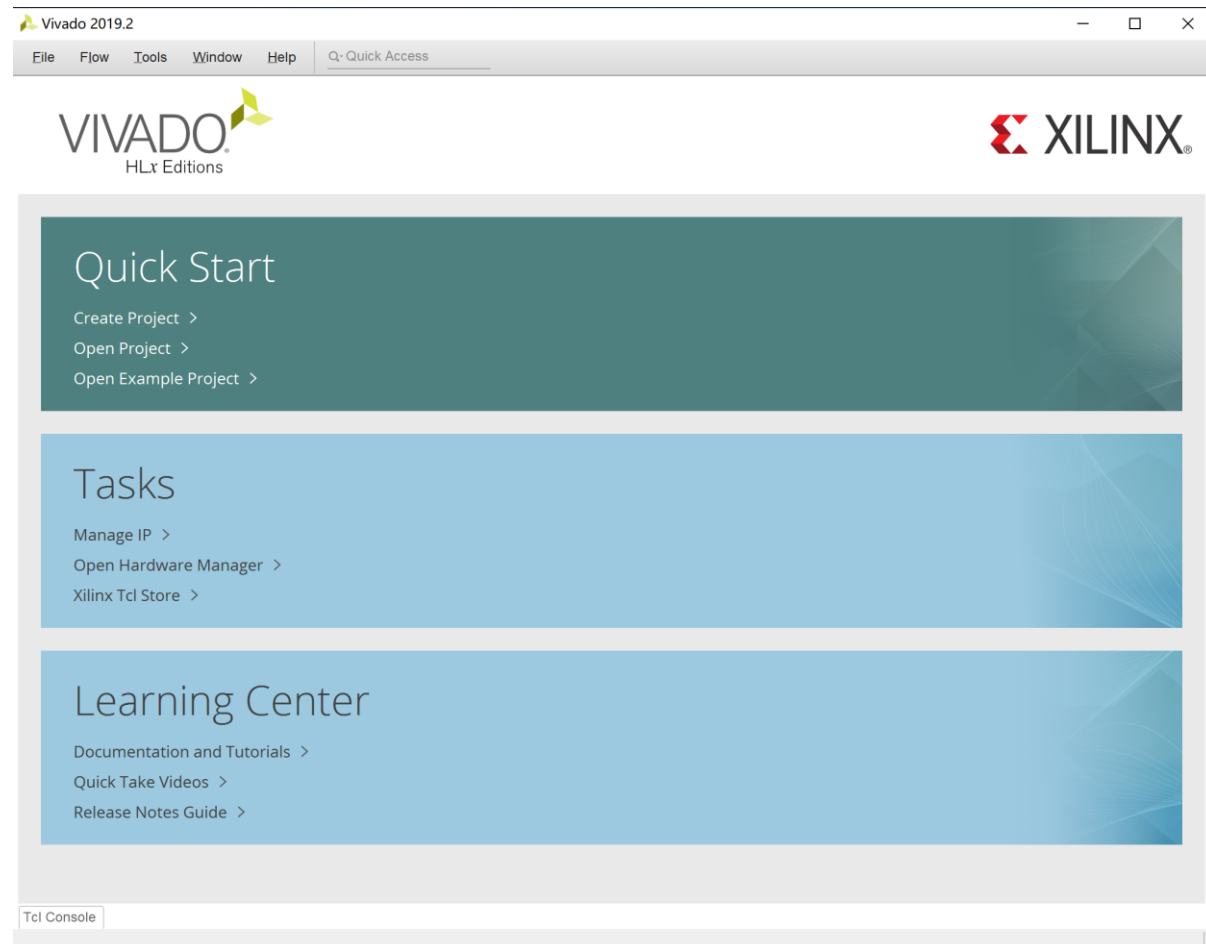
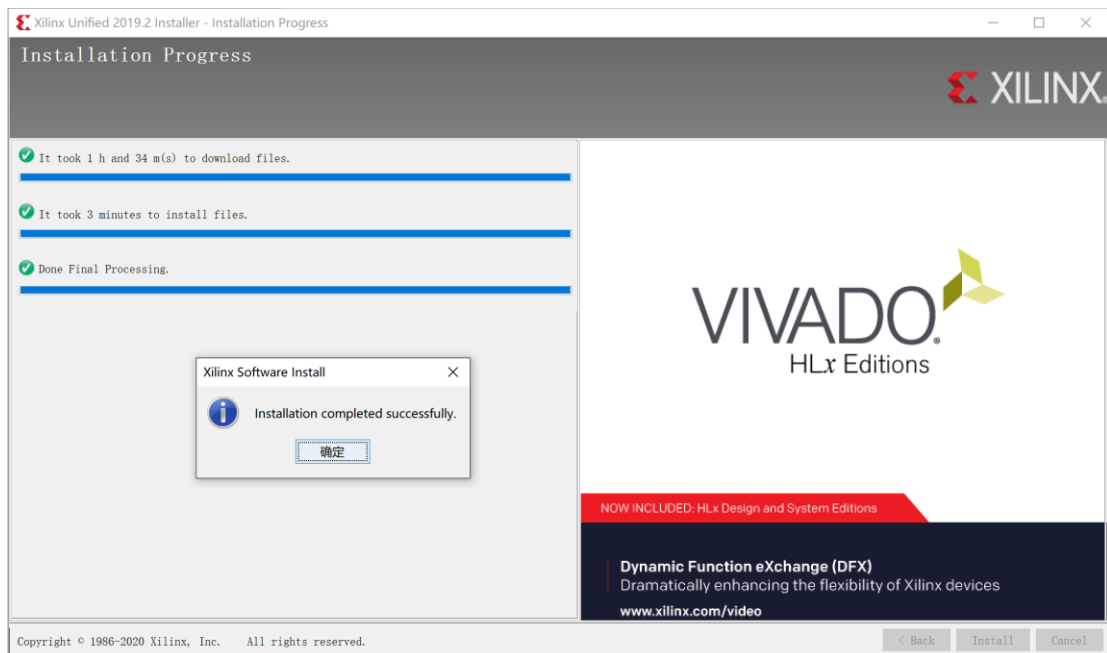
XILINX

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Preferences < Back Install Cancel



安装成功，运行画面



对于A7芯片无需升级

Vivado Design Suite 2019.2 Update 1 is now available, with support for the following devices enabled:

- Additional Zynq UltraScale+ RFSoc devices: (XCZU46DR, XCZU47DR, XCZU48DR, XCZU49DR)

For customers using these devices, Xilinx recommends installing Vivado 2019.2.1.

For other devices, please continue to use Vivado 2019.2.

