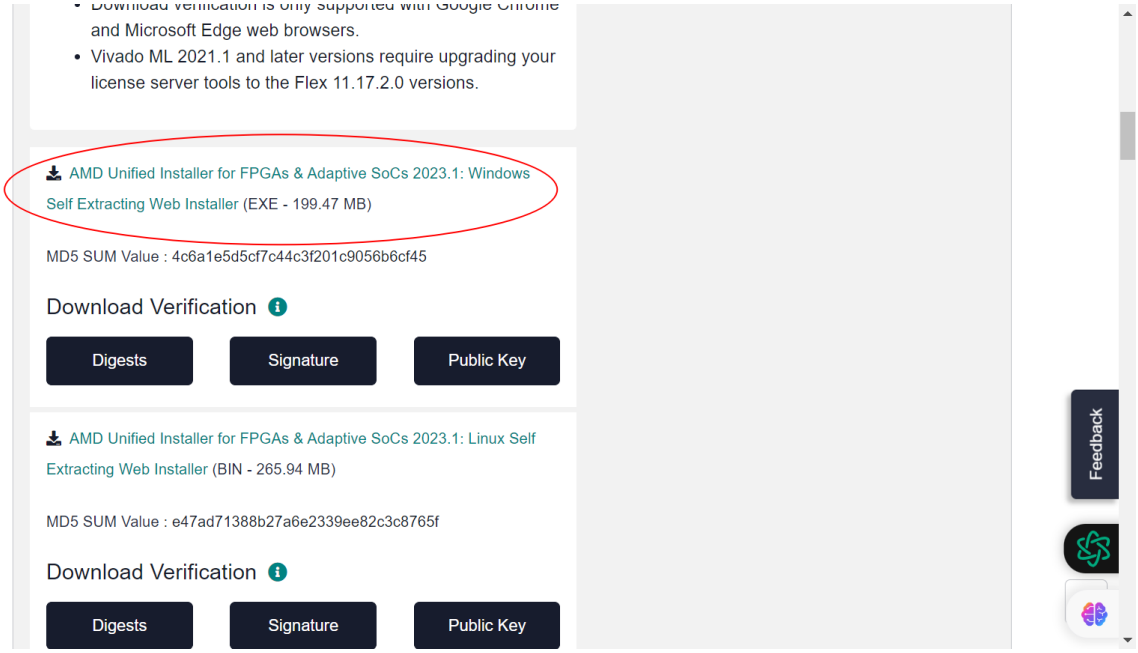
Install Vivado FPGA Development Environment

Before Install

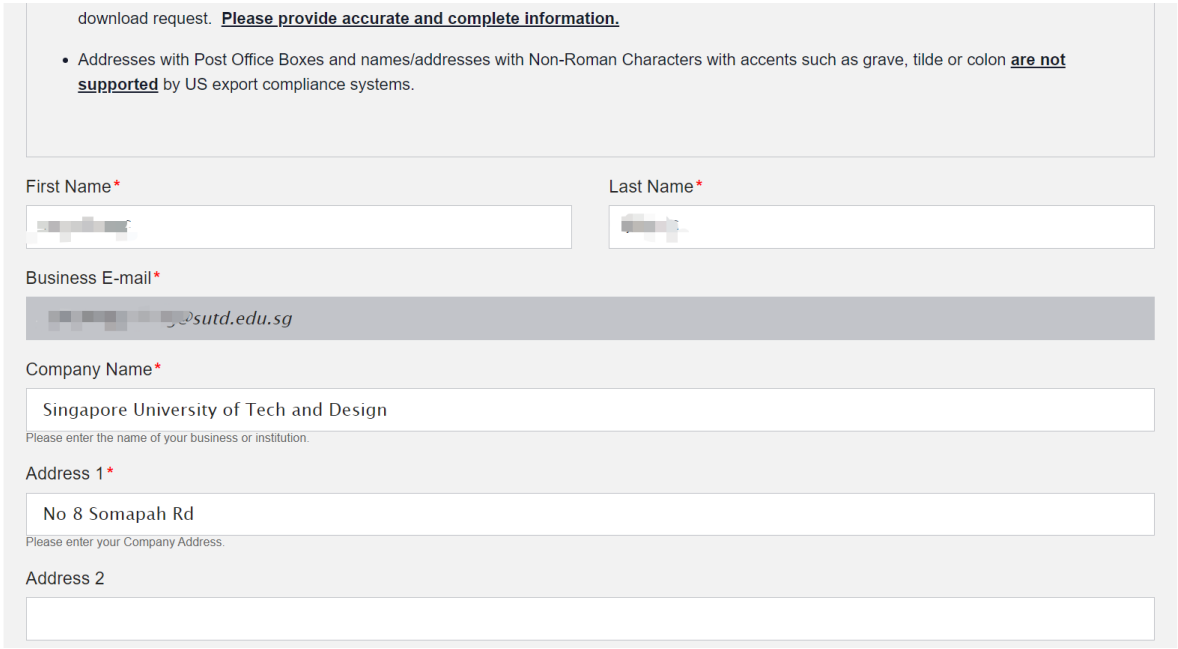
Download Link (Web Installer): https://www.xilinx.com/support/download.html

Disk Space: **60GB** (During installation, there will be some temporary files, please spare enough space for Vivado);

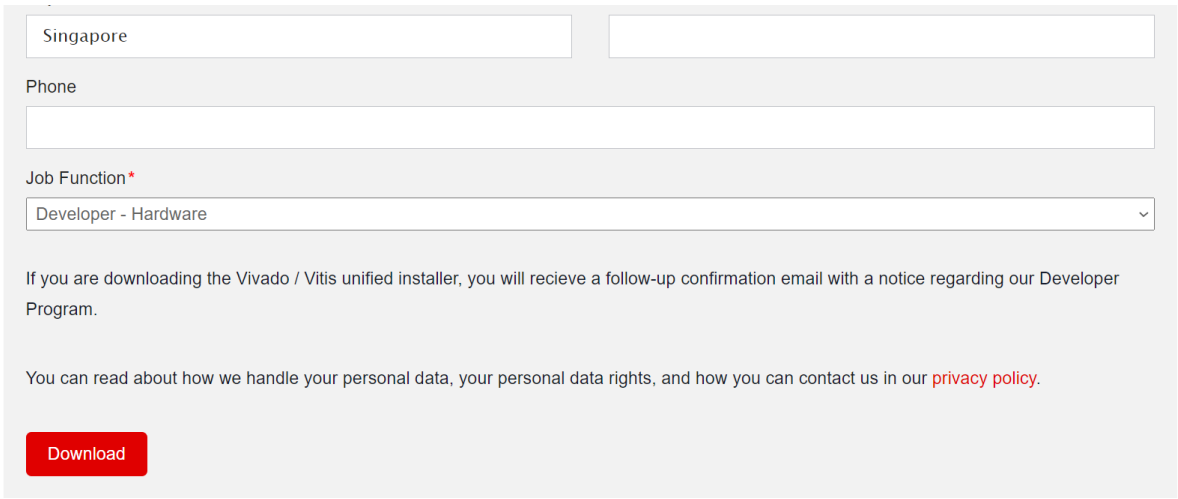
Install Vivado (2024.2)



1. Please Sign Up for an AMD Xilinx Account using your **school email**;

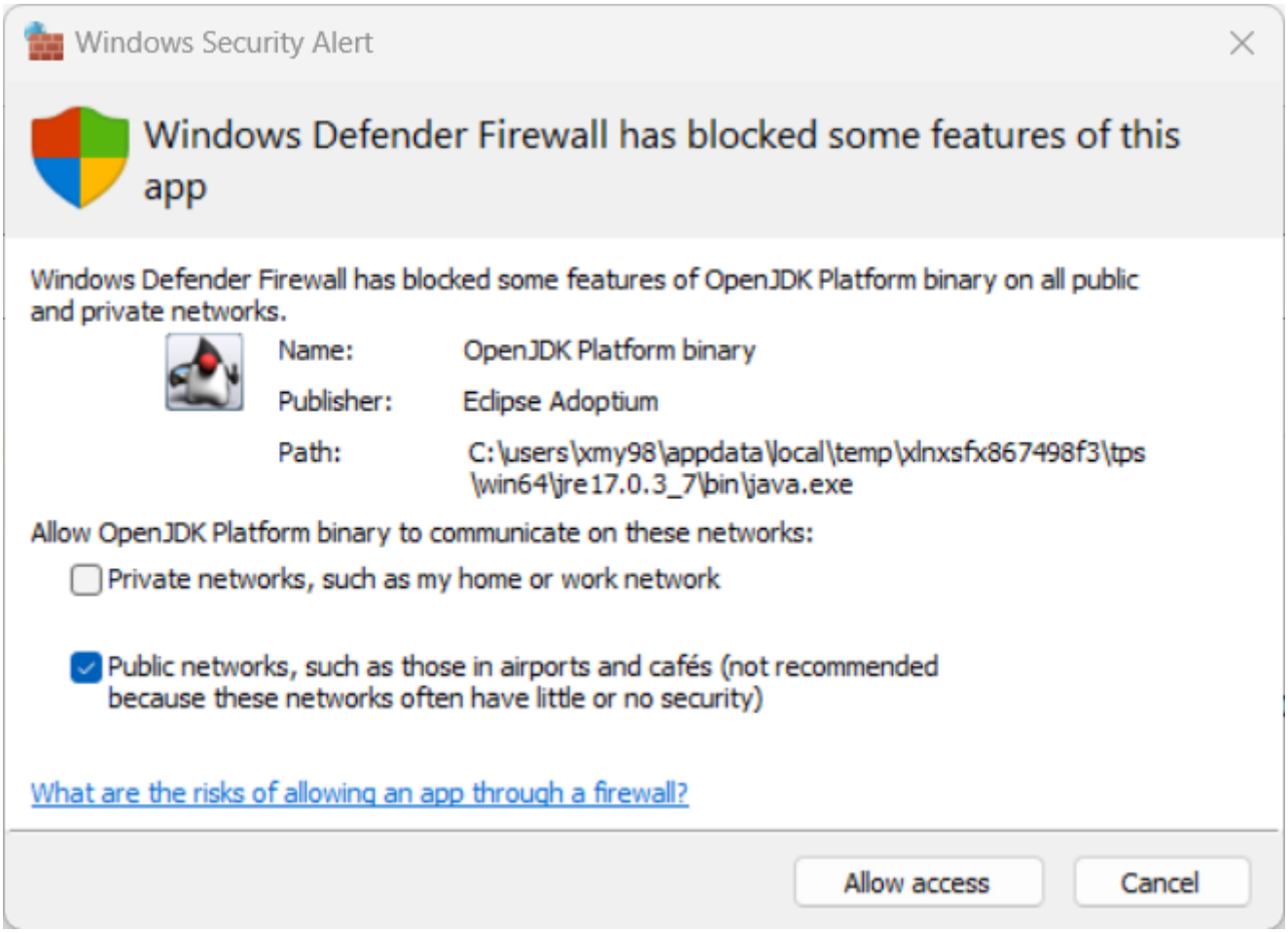


2. "**Download**"

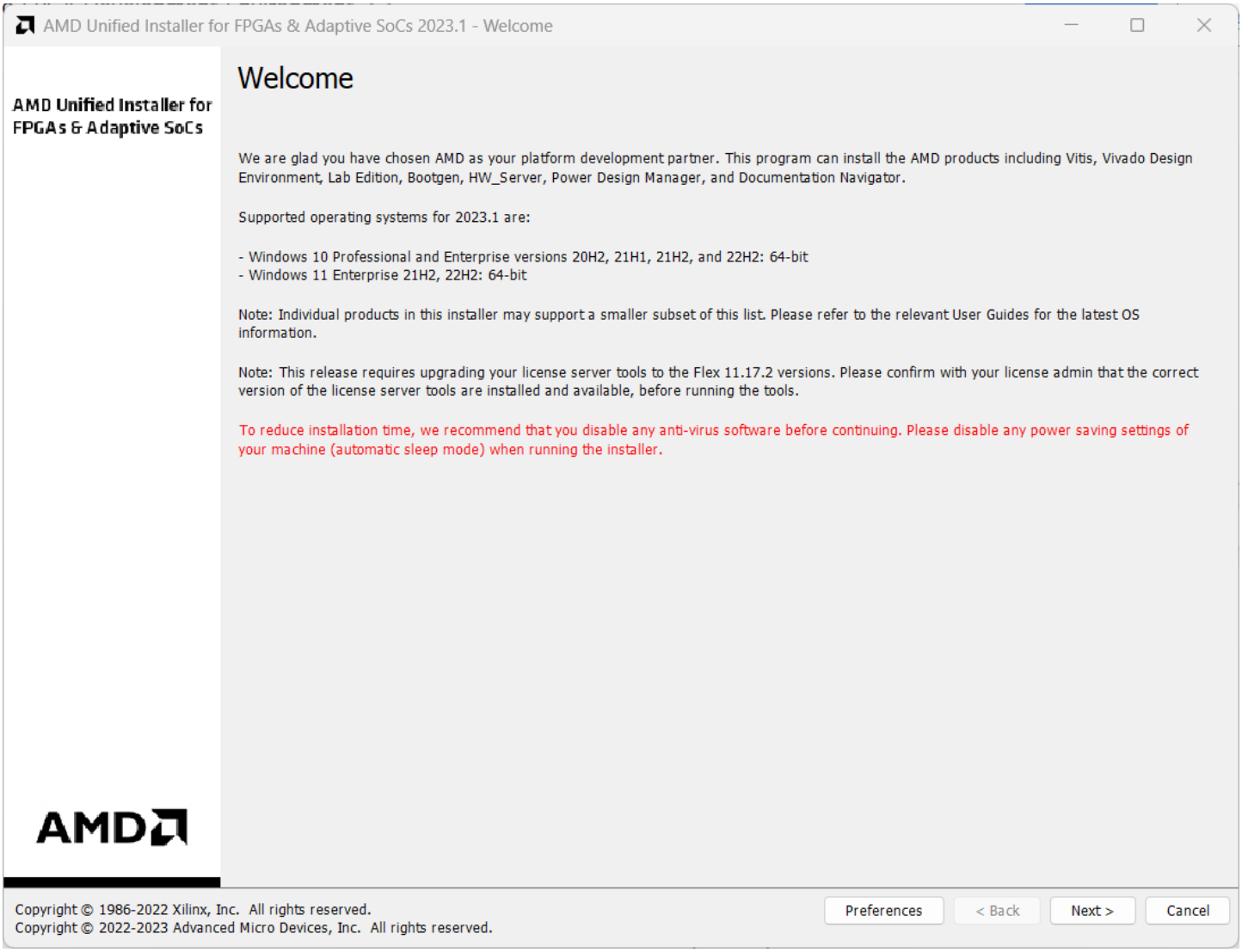


Be in the Know!

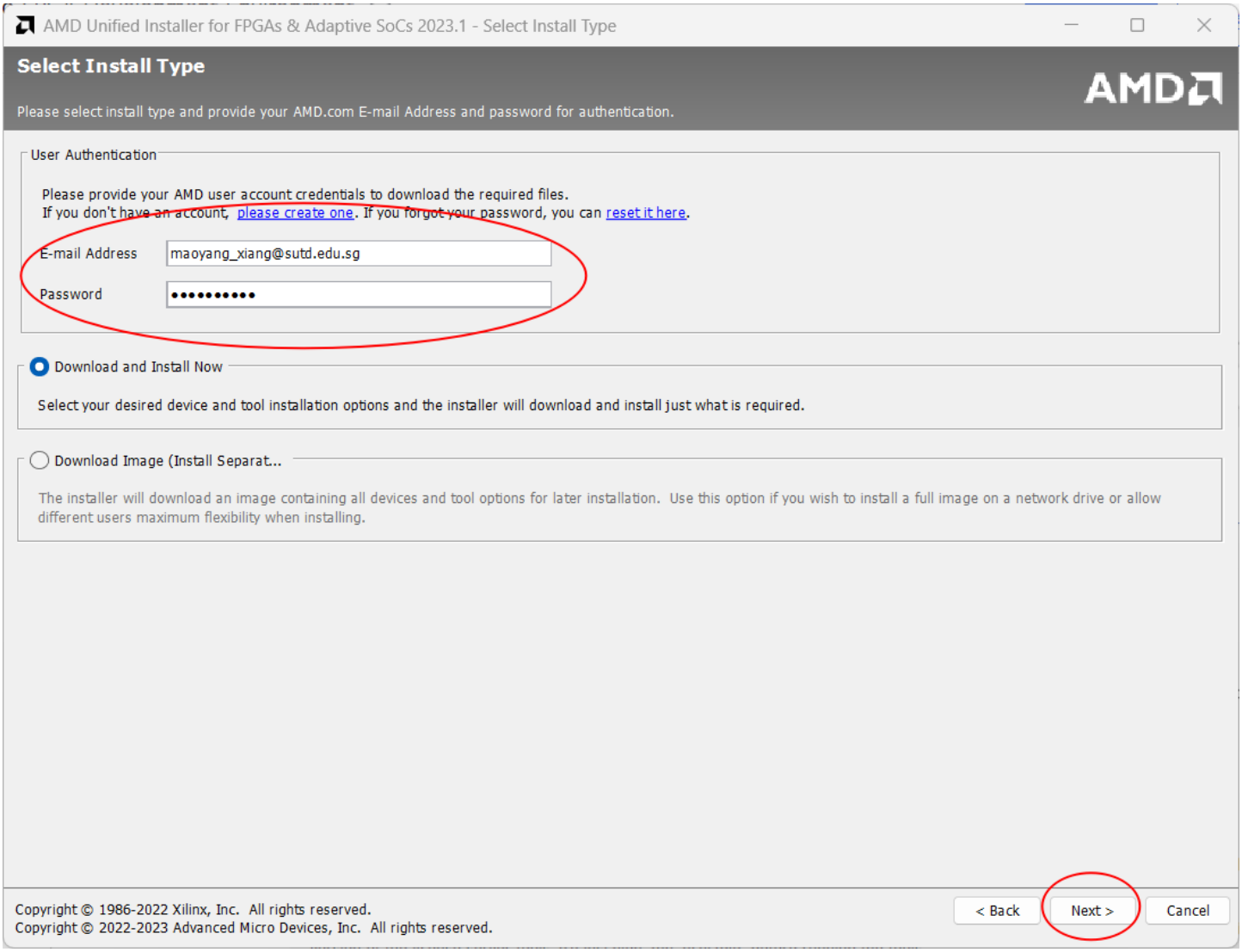
3. Open the Installer;
4. Allow network access;


Windows Security Alert
Windows Defender Firewall has blocked some features of this app
Windows Defender Firewall has blocked some features of OpenJDK Platform binary on all public and private networks.
Name: OpenJDK Platform binary
Publisher: Eclipse Adoptium
Path: C:\users\xmy98\appdata\local\temp\xlnxsfx867498f3\tps\win64\jre17.0.3_7\bin\java.exe
Allow OpenJDK Platform binary to communicate on these networks:
Private networks, such as my home or work network
Public networks, such as those in airports and cafés (not recommended because these networks often have little or no security)
What are the risks of allowing an app through a firewall?
Allow access
Cancel

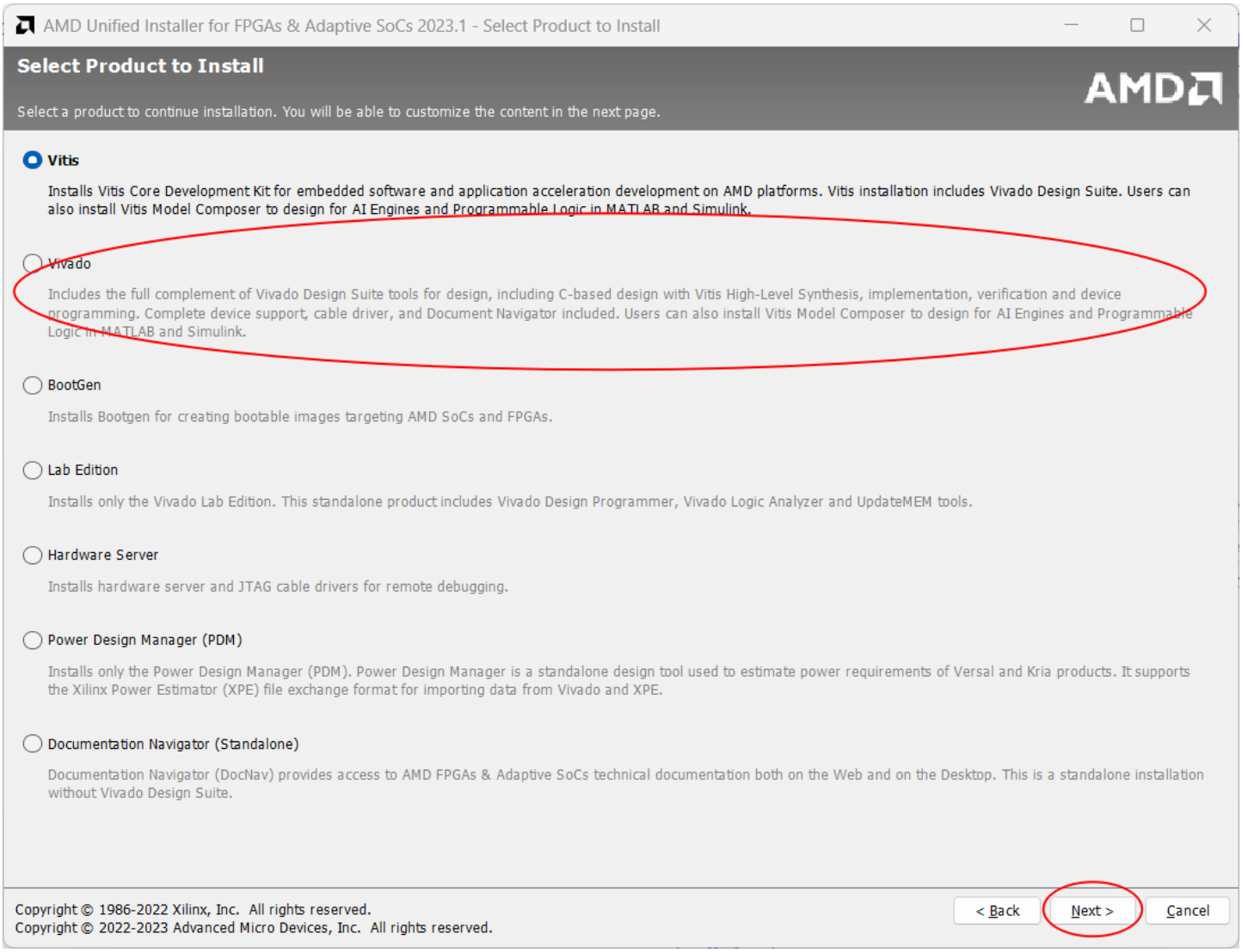
5. "**Next**"



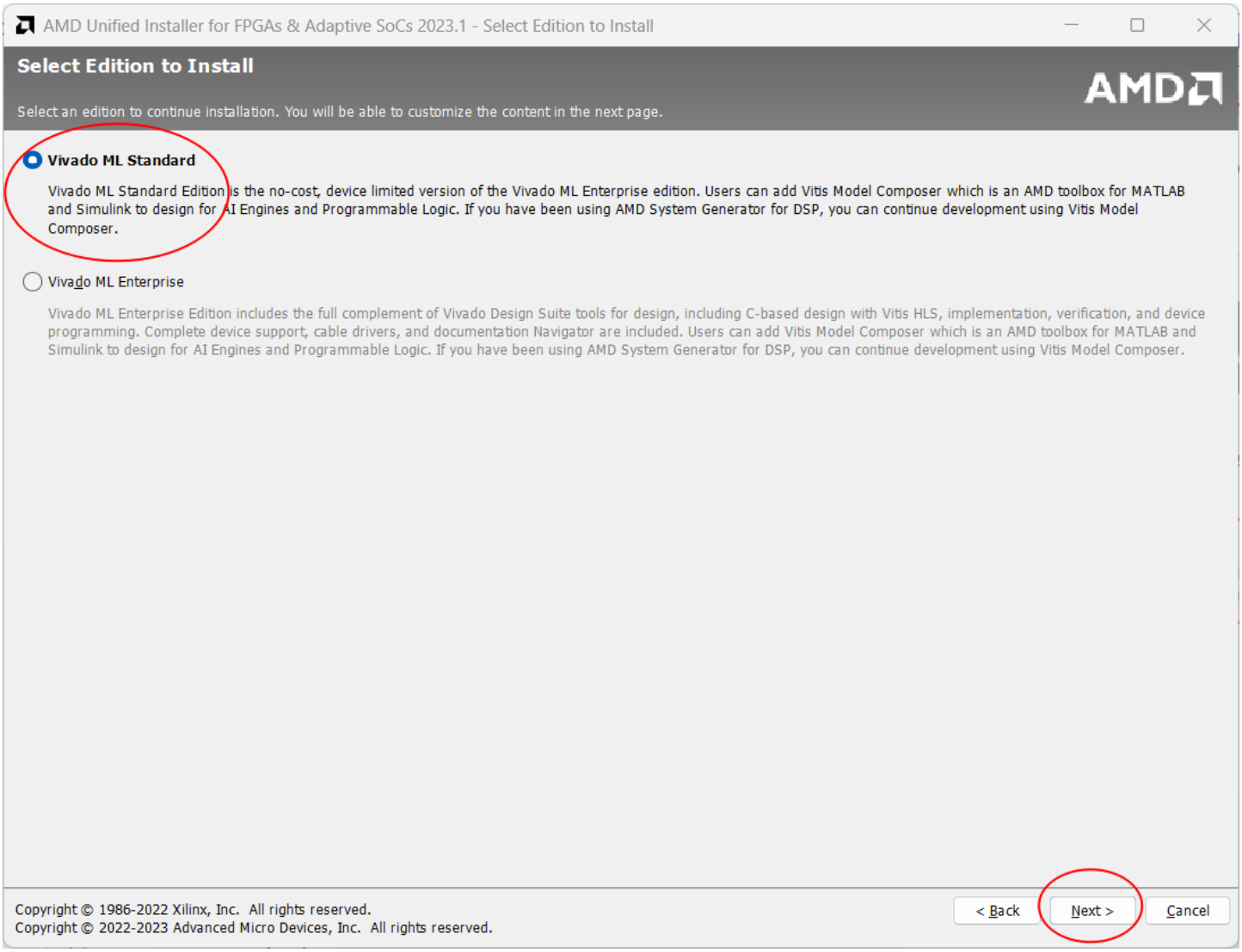
6. Log in with Xilinx Account, "Download and Install Now", and "Next"



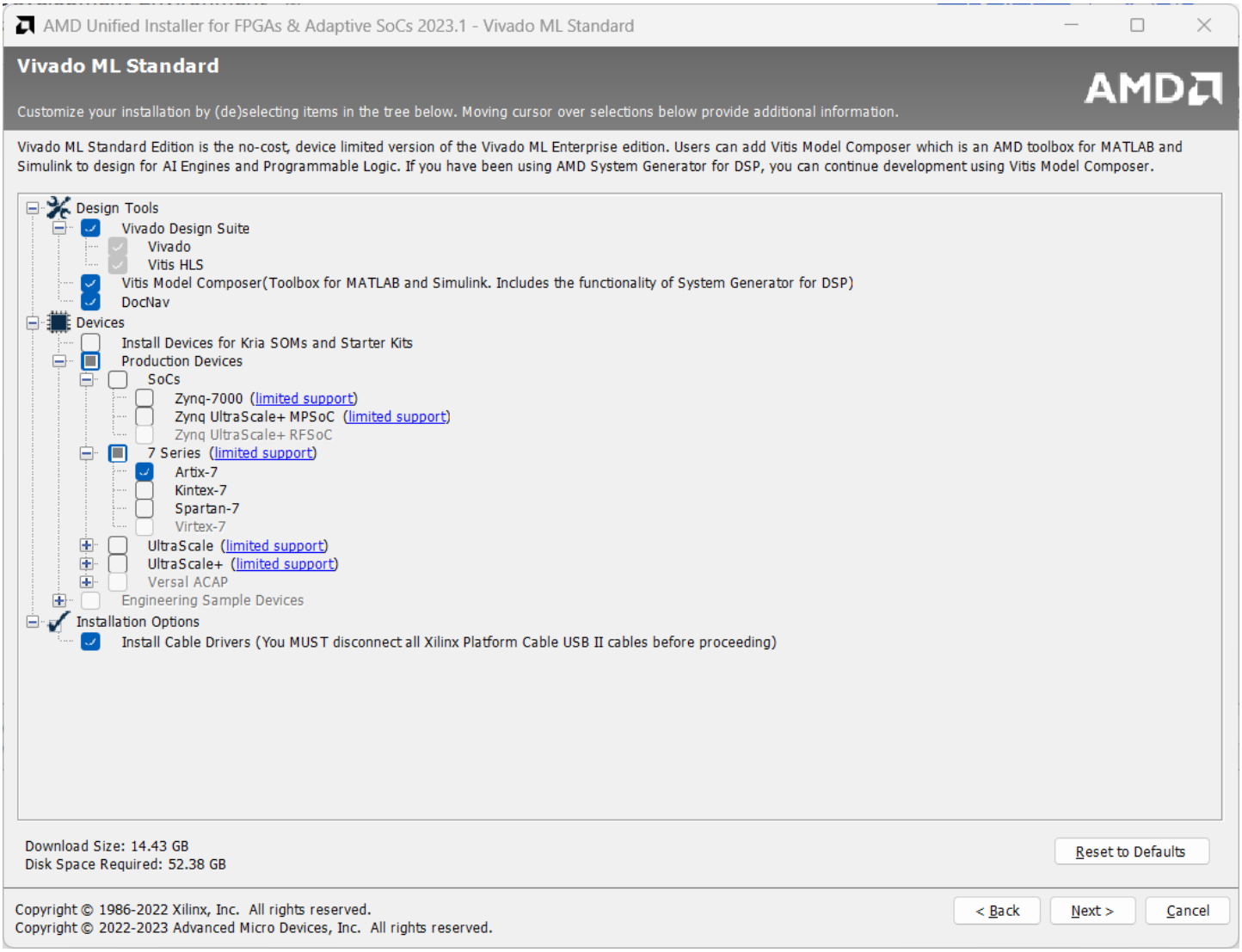
7. Select "**Vivado**" and "**Next**"; (If you want to develop the Xilinx SoC Application (e.g. ZYNQ), you can select install "**Vitis**");



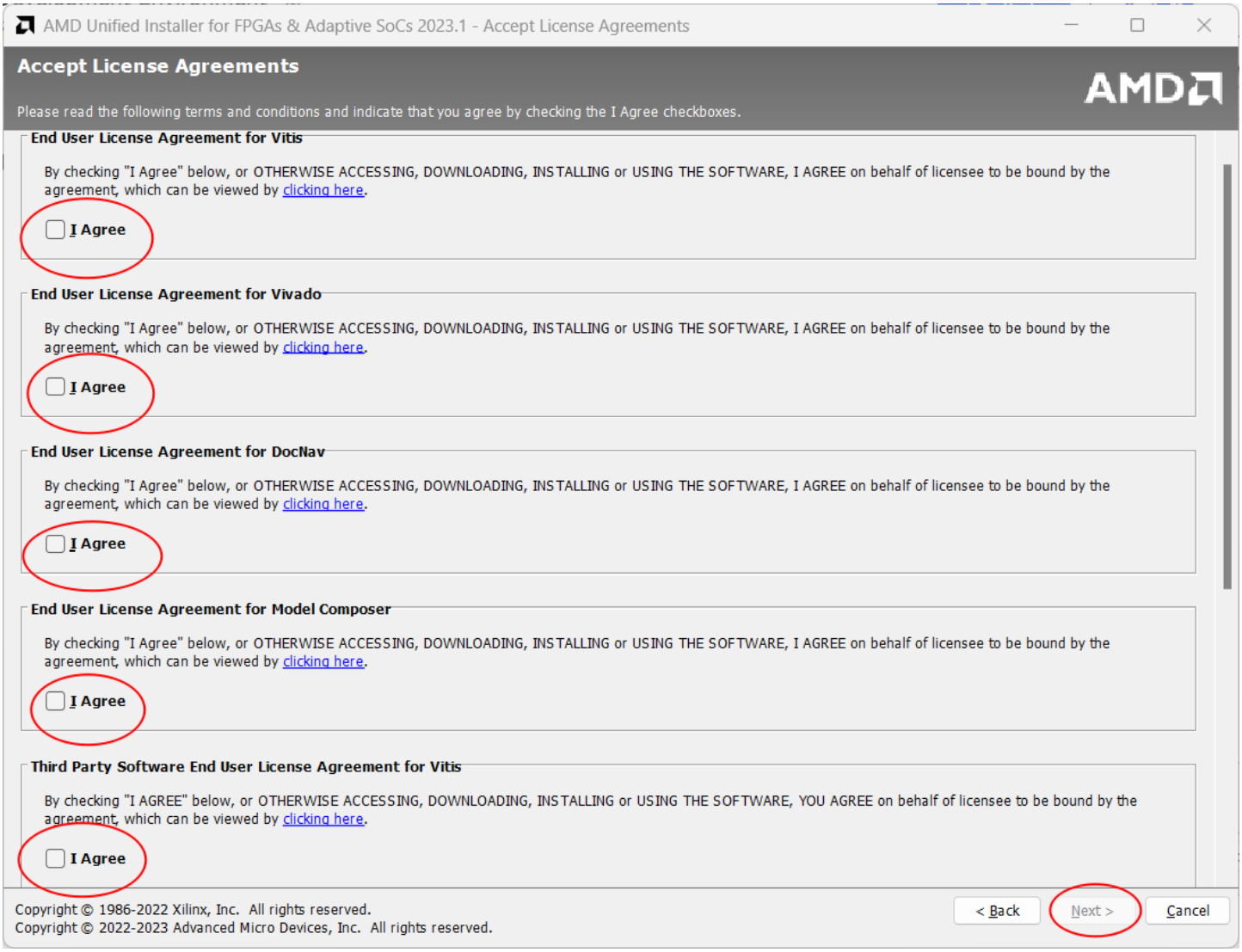
8. **Vivado ML Standard -> Next ;**



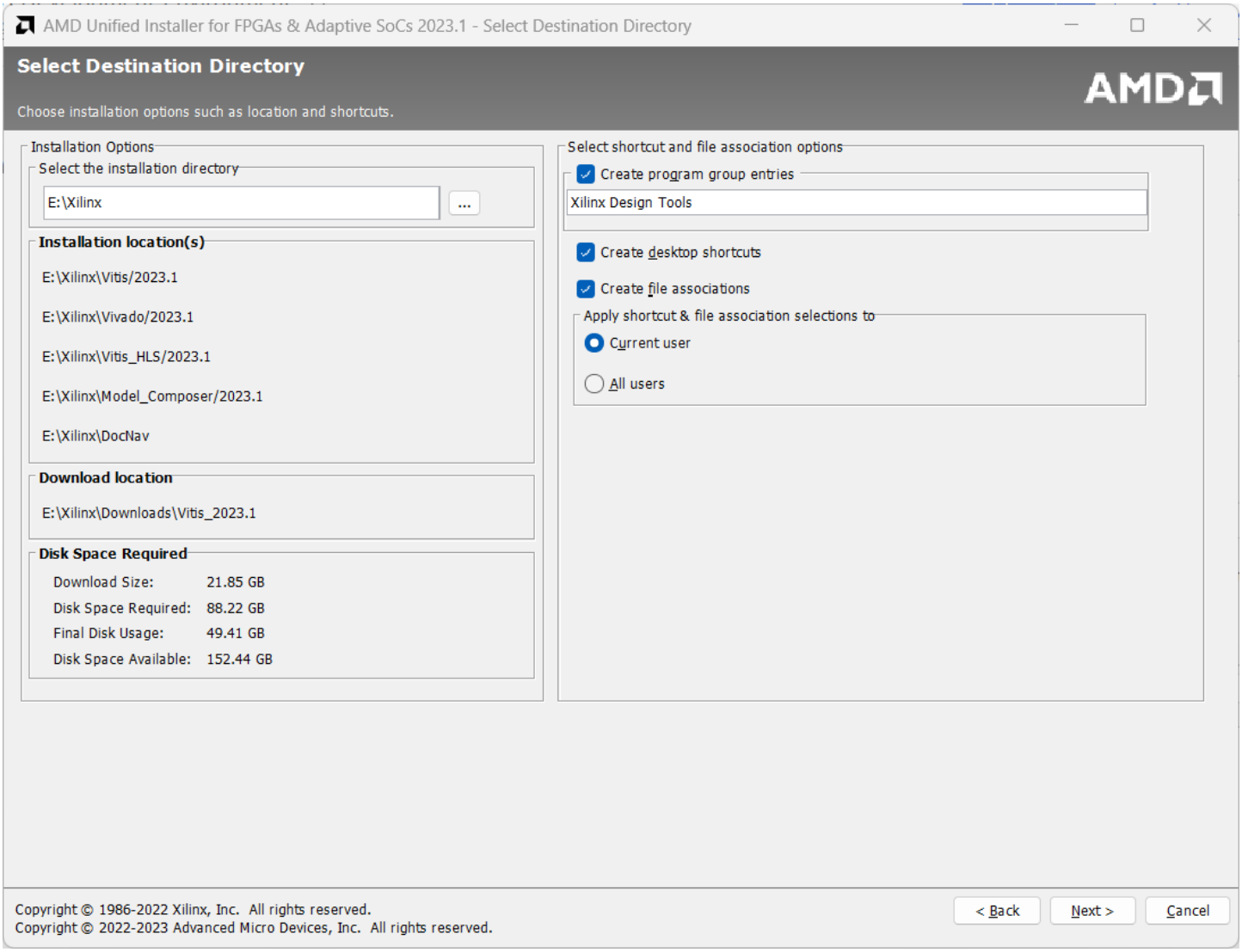
9. Config as following -> "**Next**";



10. Accept all License Agreements



11. Select the installation Directory;


AMD Unified Installer for FPGAs & Adaptive SoCs 2023.1 - Select Destination Directory
Select Destination Directory
Choose installation options such as location and shortcuts.
AMD
Installation Options
Select the installation directory
E:\Xilinx
...
Installation location(s)
E:\Xilinx\Vitis/2023.1
E:\Xilinx\Vivado/2023.1
E:\Xilinx\Vitis_HLS/2023.1
E:\Xilinx\Model_Composer/2023.1
E:\Xilinx\DocNav
Download location
E:\Xilinx\Downloads\Vitis_2023.1
Disk Space Required
Download Size: 21.85 GB
Disk Space Required: 88.22 GB
Final Disk Usage: 49.41 GB
Disk Space Available: 152.44 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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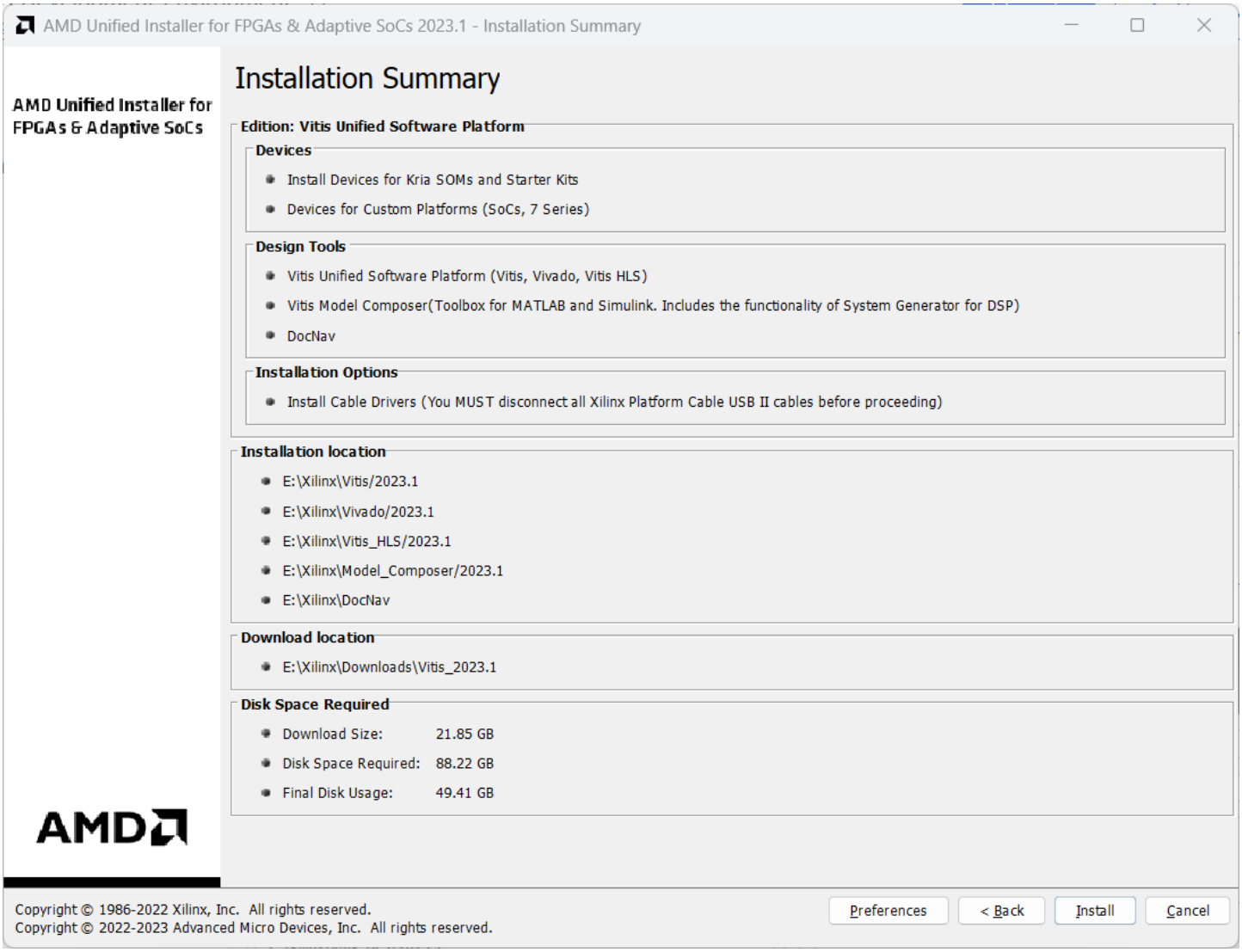
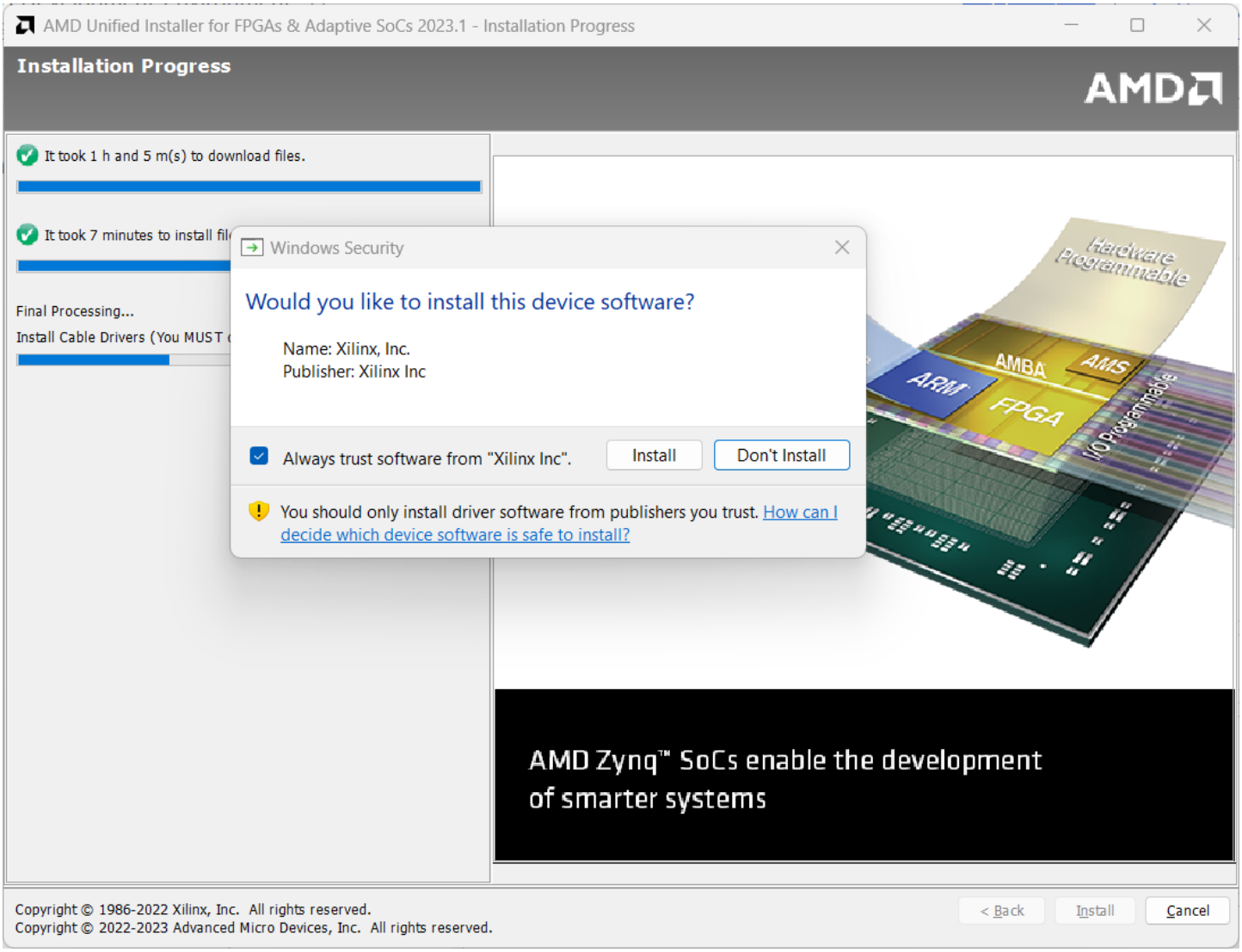
Copyright © 2022-2023 Advanced Micro Devices, Inc. All rights reserved.
< Back
Next >
Cancel

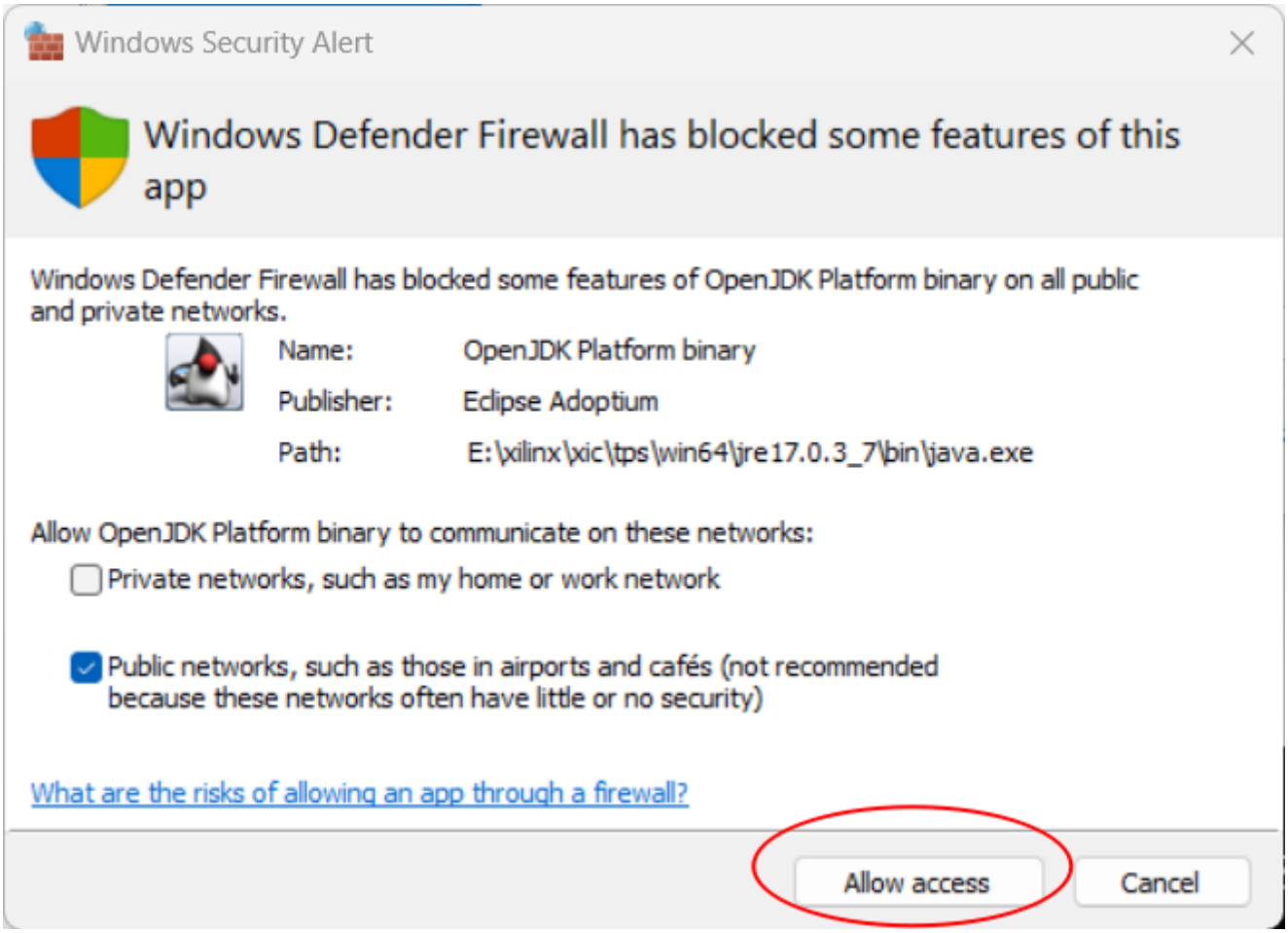
12. "**Install**"



13. Allow Install JTAG Driver "**Install**";



14. Allow JDK Network access;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