

Installation
Guide

Keysight
i1000D SFP
In-Circuit Test
Systems
(U9401B/U9403A/U9405A)

Installing software
release v3.60pa
for Win7/Win10 64 bit

This document describes the steps to install the i1000 Software and the necessary hardware drivers onto the U9405A i1000 SFP test system.

Supported Products

U9401B – i1000D Press Down ICT System

U9403A – Keysight Mini ICT System

U9405 – i1000D Small Foot Print ICT System
(Inline/Offline)

Installation Procedure

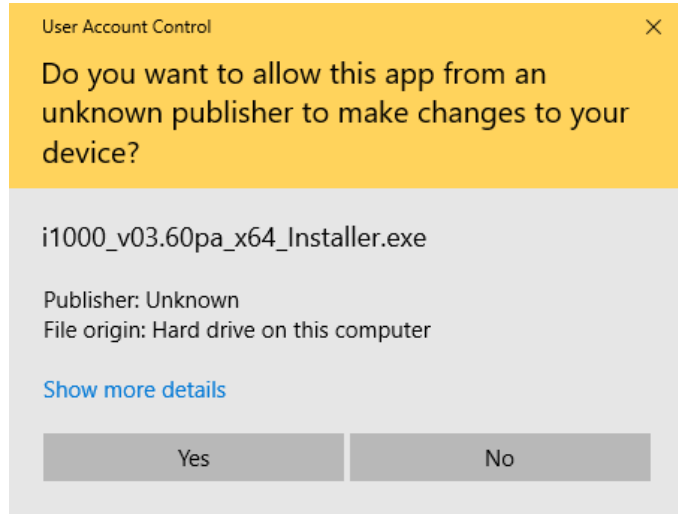
This full installation takes approximately 25mins to complete it.

The installer will automatically prompt to install the Medalist i1000 software and the additional 3rd party software required.

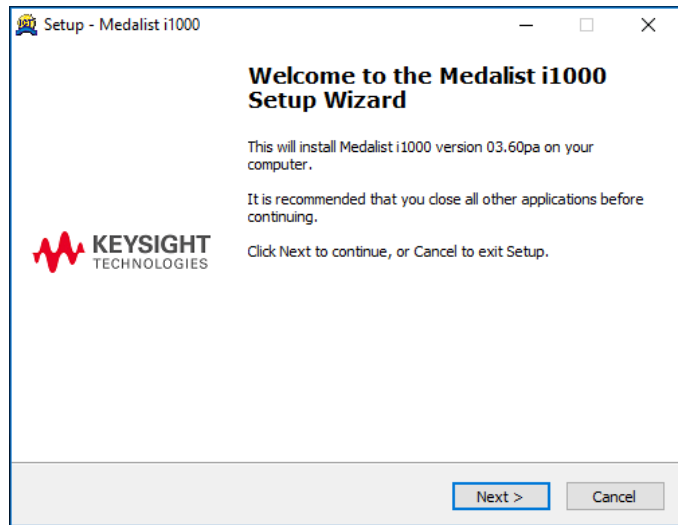
Installers	Description
I1000_v03.60pa_x64_installer.exe	64-bit installer for Win10 64bit testhead.

Install i1000 System Software

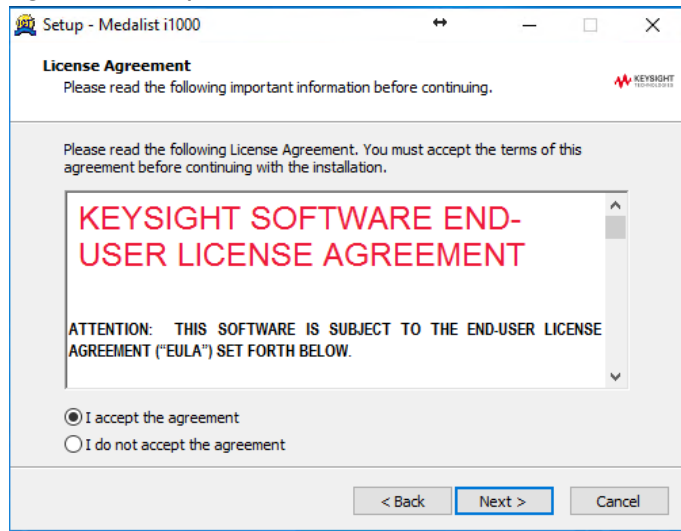
1. Execute the appropriate installer by double clicking on the file. Click “Yes” if the pop-up window shown as below:



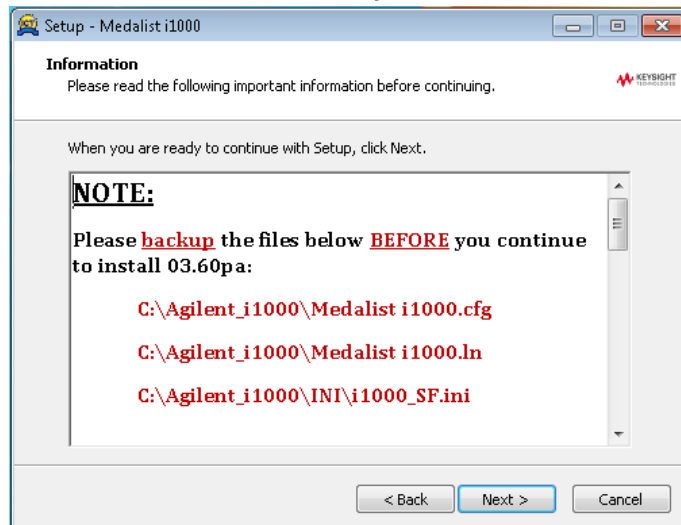
The setup Installer for the software will be launched and the Welcome screen will be displayed as above. Click “Next >”.



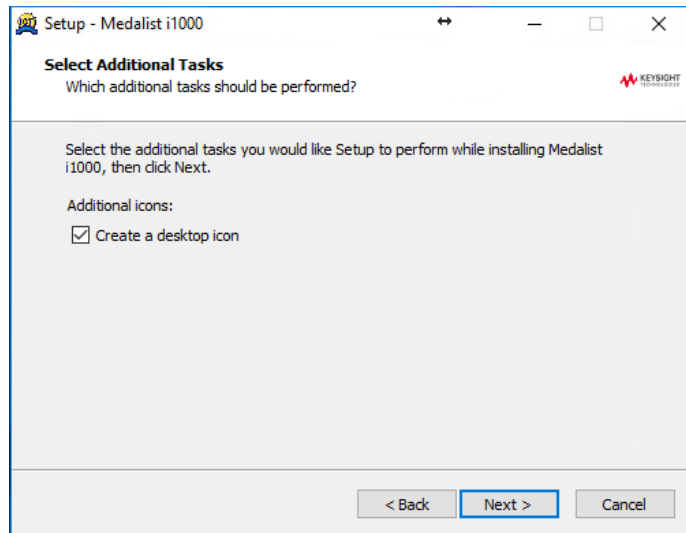
2. Read the License Agreement. Select “I accept the agreement” option and click “Next >”.



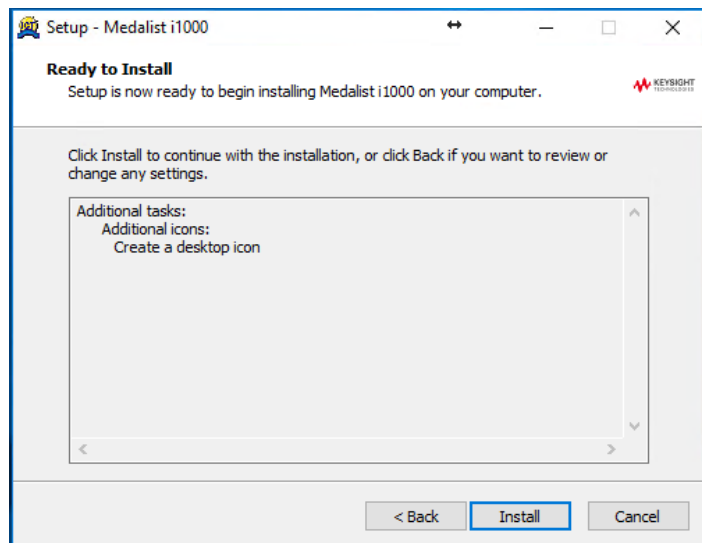
3. The next screen shows a list of plug-in modules that will be installed or copied into the “C:\Agilent_i1000” folder after the installation completes and also other 3rd party software which is required for the i1000 software to function correctly. Click “Next >”.



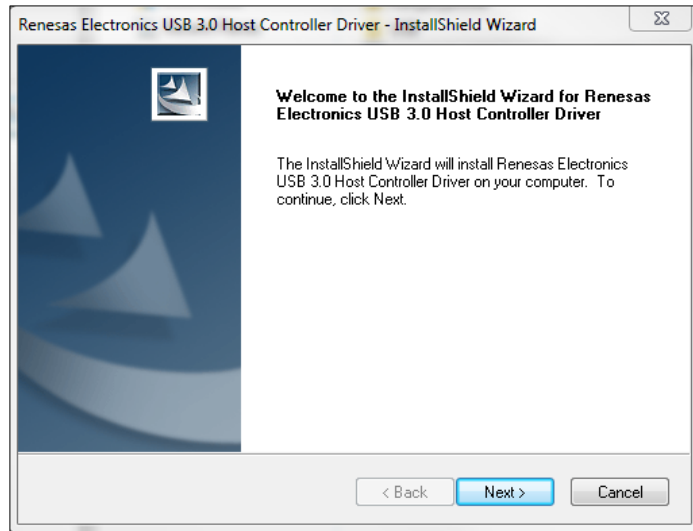
4. Select option “**Create a desktop icon**”.
Click “**Next >**”.



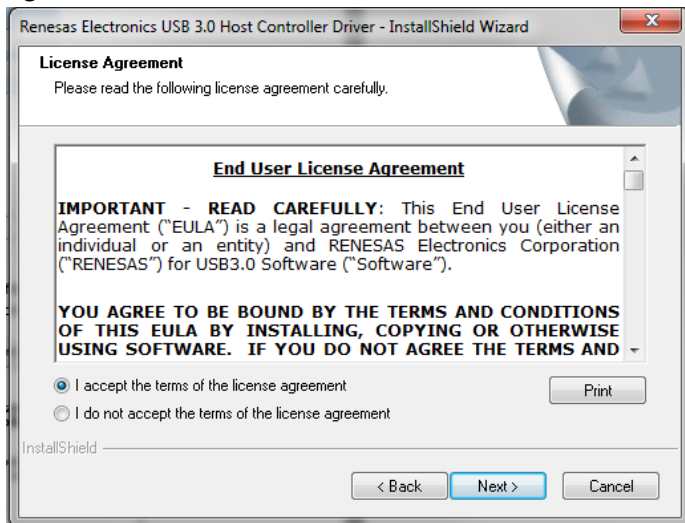
5. Click “**Install**”. Installer will commence the installation with the Medalist i1000 software.



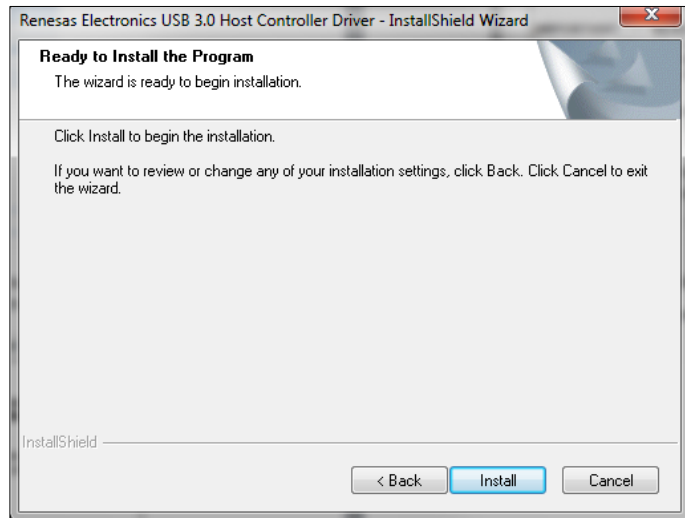
6. USB Host driver will be installed automatically. Click “Next >”.



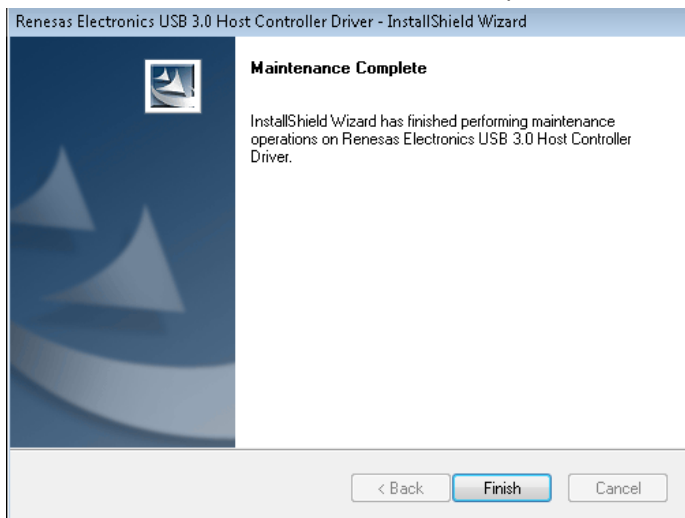
7. Select “I accept the terms of the license agreement”. Click “Next >”.



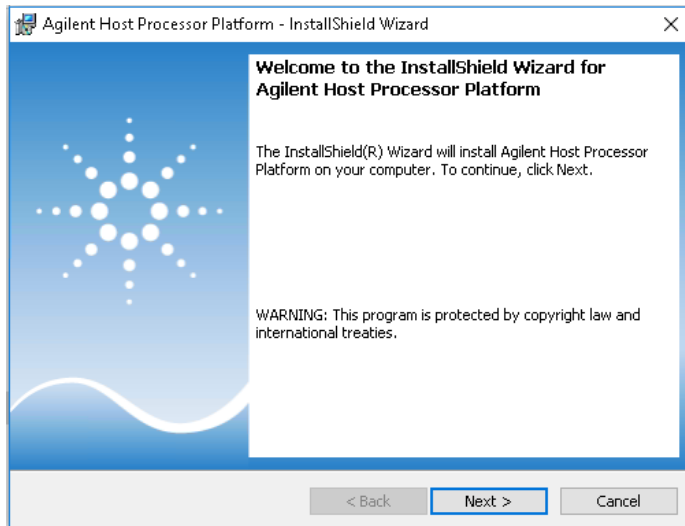
8. Click **“Install”**. This may take a few minutes.



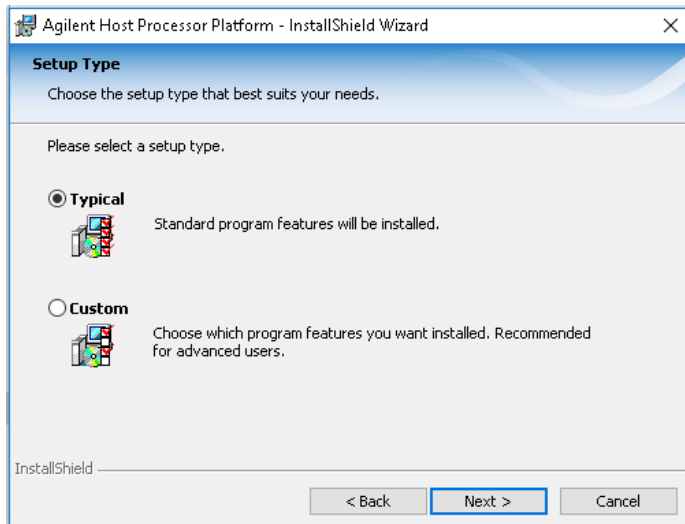
9. Click **“Finish”** when the installation is completed.



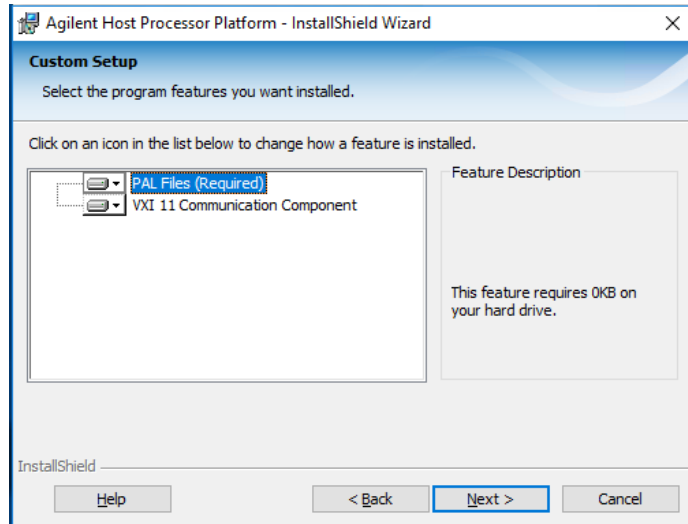
10. The SCPI Host software will be installed automatically. Click “Next >” to continue the installation.



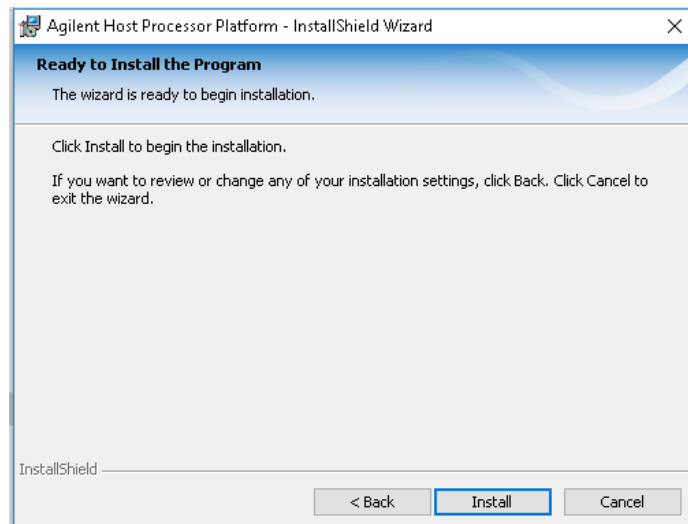
11. Select “Typical” and then Click “Next >”.



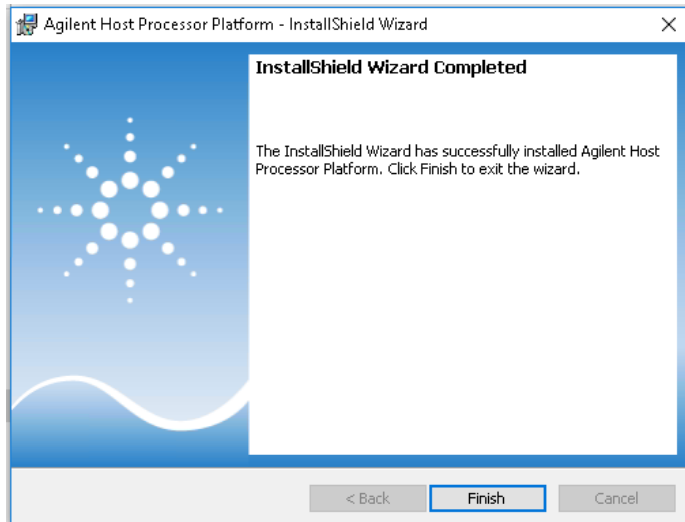
12. Click “Next >”



13. Click “Install”.



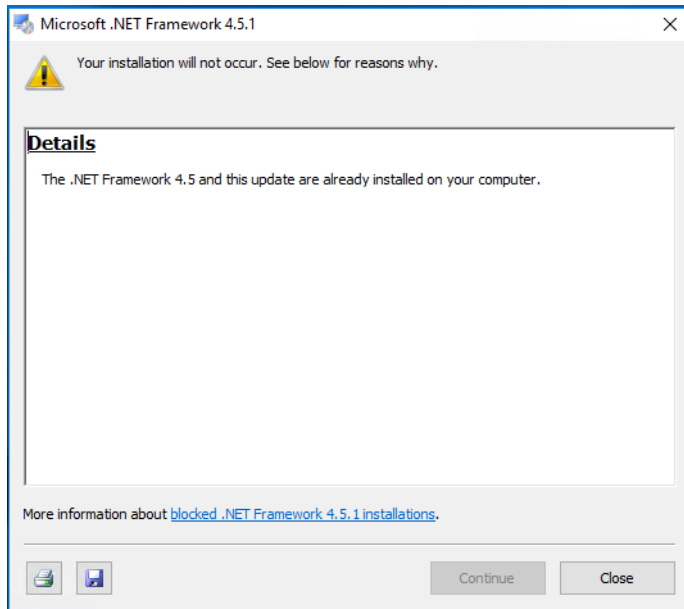
14. Click **“Finish”**.



15. The Installer will then proceed to install Microsoft®.NET 4.5.1 Framework.



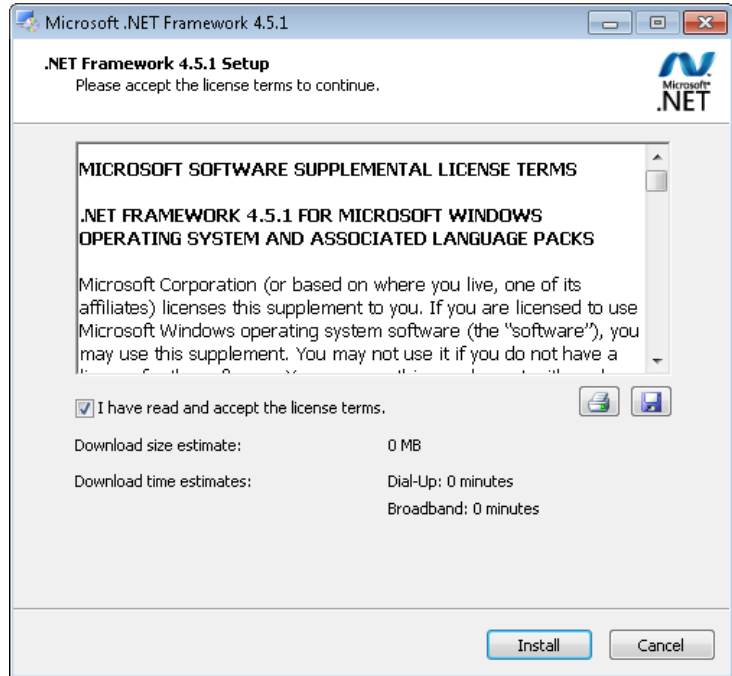
For Win10 system and Win7 system with .NET 4.5.1 installed, click “Close” when you see the pop-up window below:



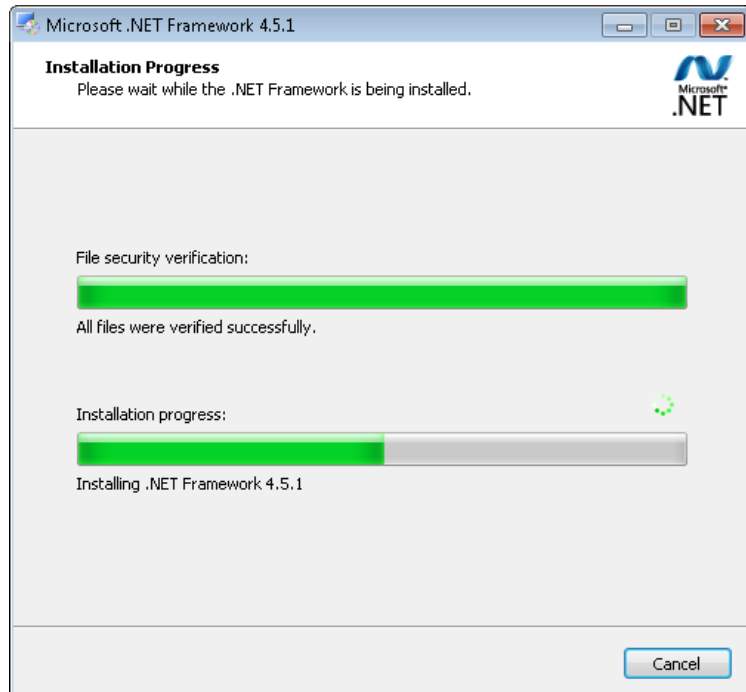
Then skip step 16 to 19.

For Win7 64bit system, please continue the following steps to install the **.NET 4.5.1**.

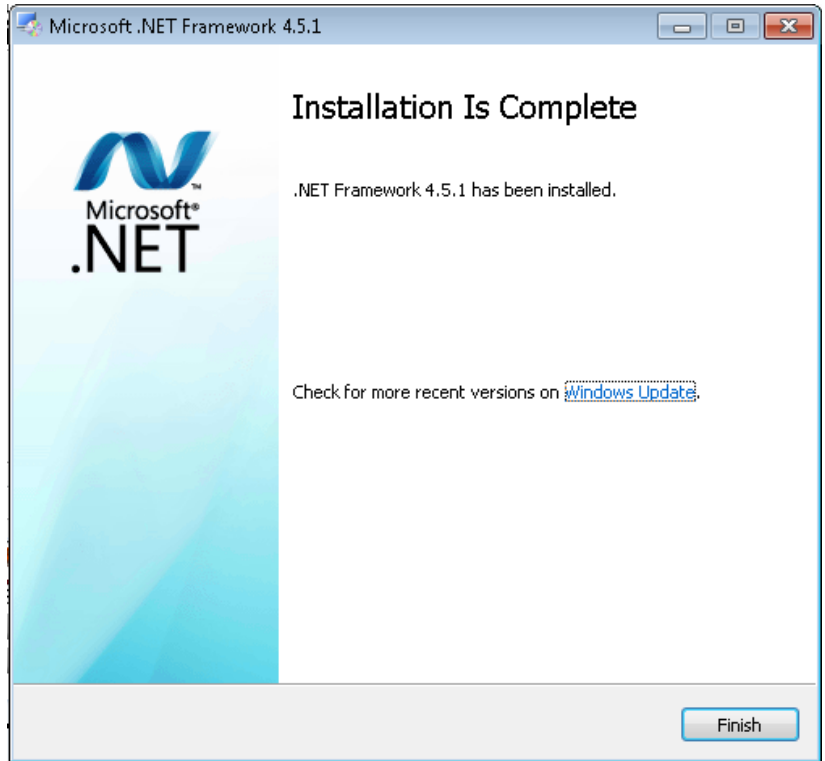
16. Read the license terms. Select “**I have read and accept the license terms**” option and click “**Install**”. If there is already an existing copy of the software installed on the system, the installer will prompt to select “Repair” or “Remove” option. Select “**Repair**” to allow the installer to verify the files.



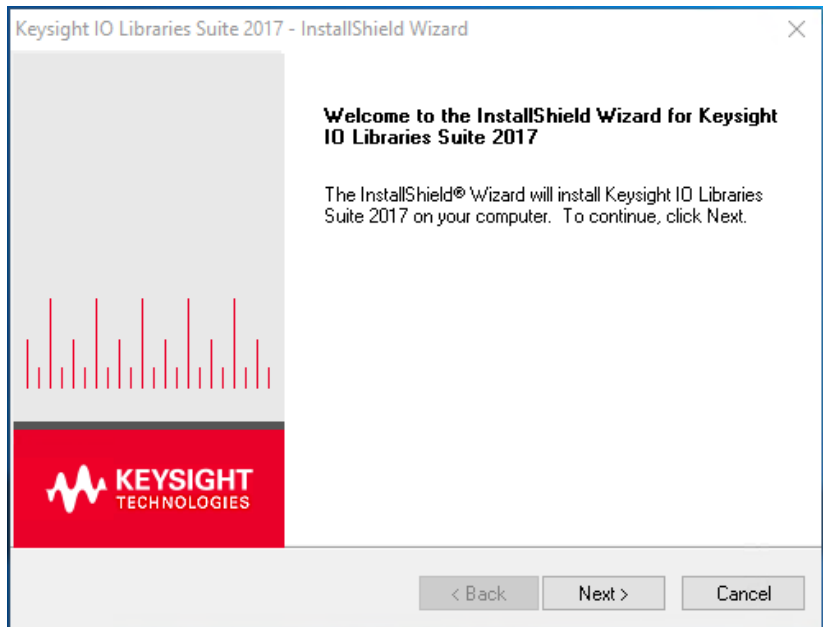
17. .NET installation will commence. This installation may take a few minutes.



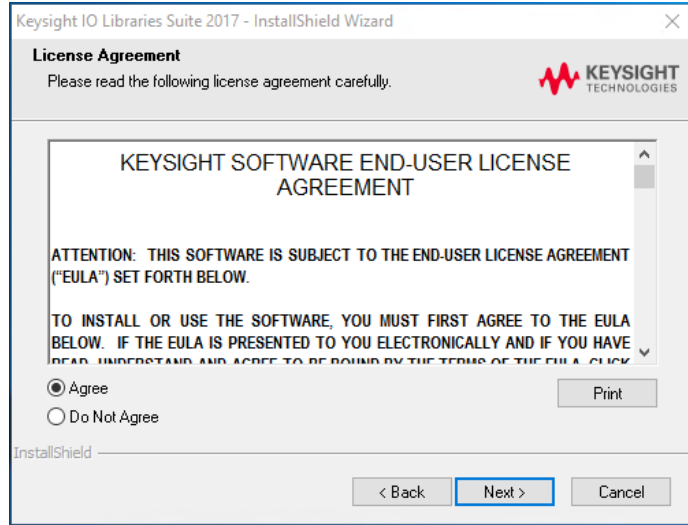
18. Click “**Finish**” when installation is completed.



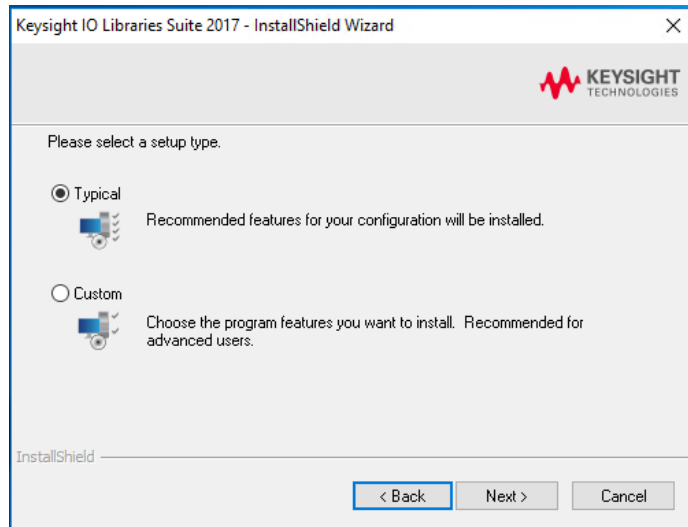
19. Click “**Next >**” to install IO Libraries.



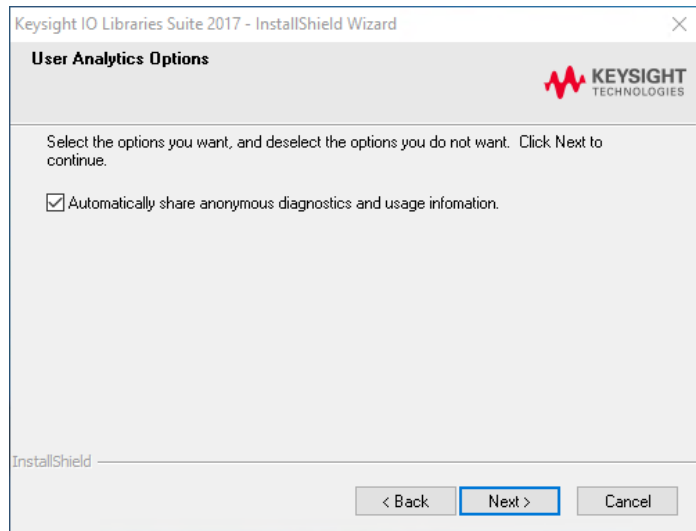
20. Select “Agree” and then click “Next >”.



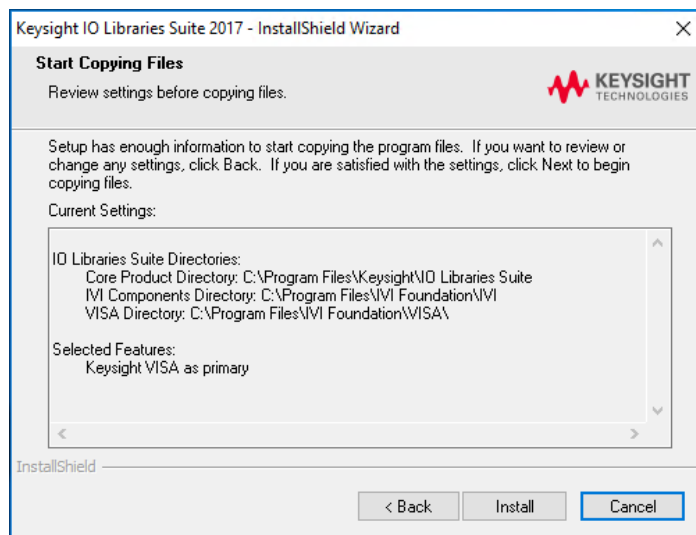
21. Select “Typical” and then click “Next >”



22. Click “Next >”.

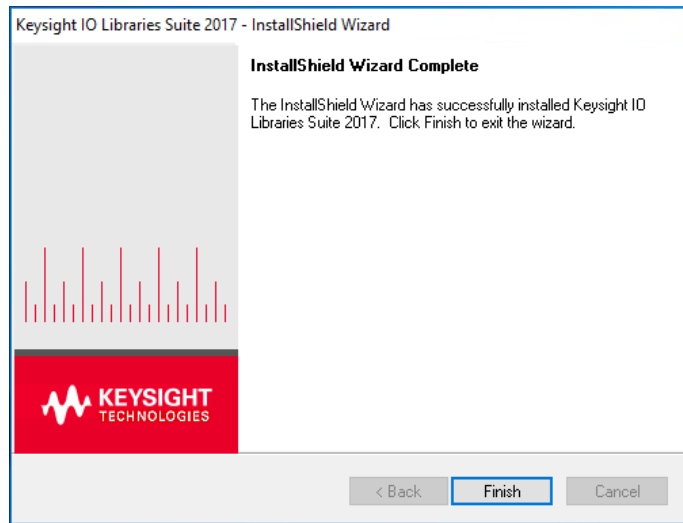


23. Click “Install”.

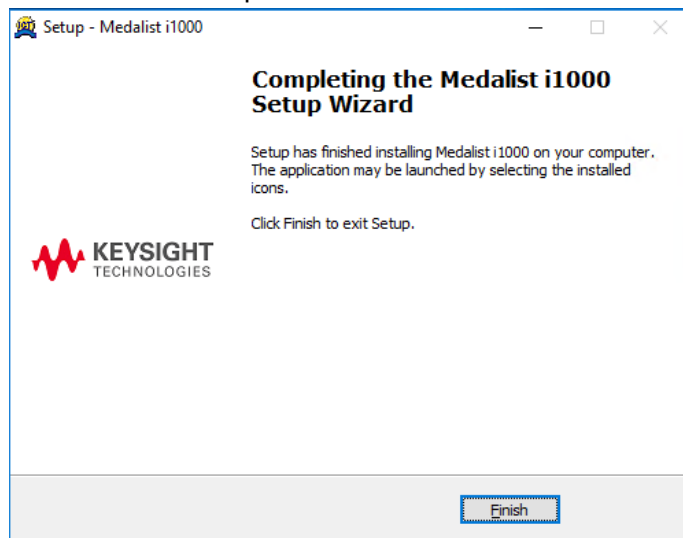


24. If you are prompted the Windows Security check, Check the “Always trust software from “Agilent Technologies, Incorporated” and click “install”.

25. Click “**Finish**”.



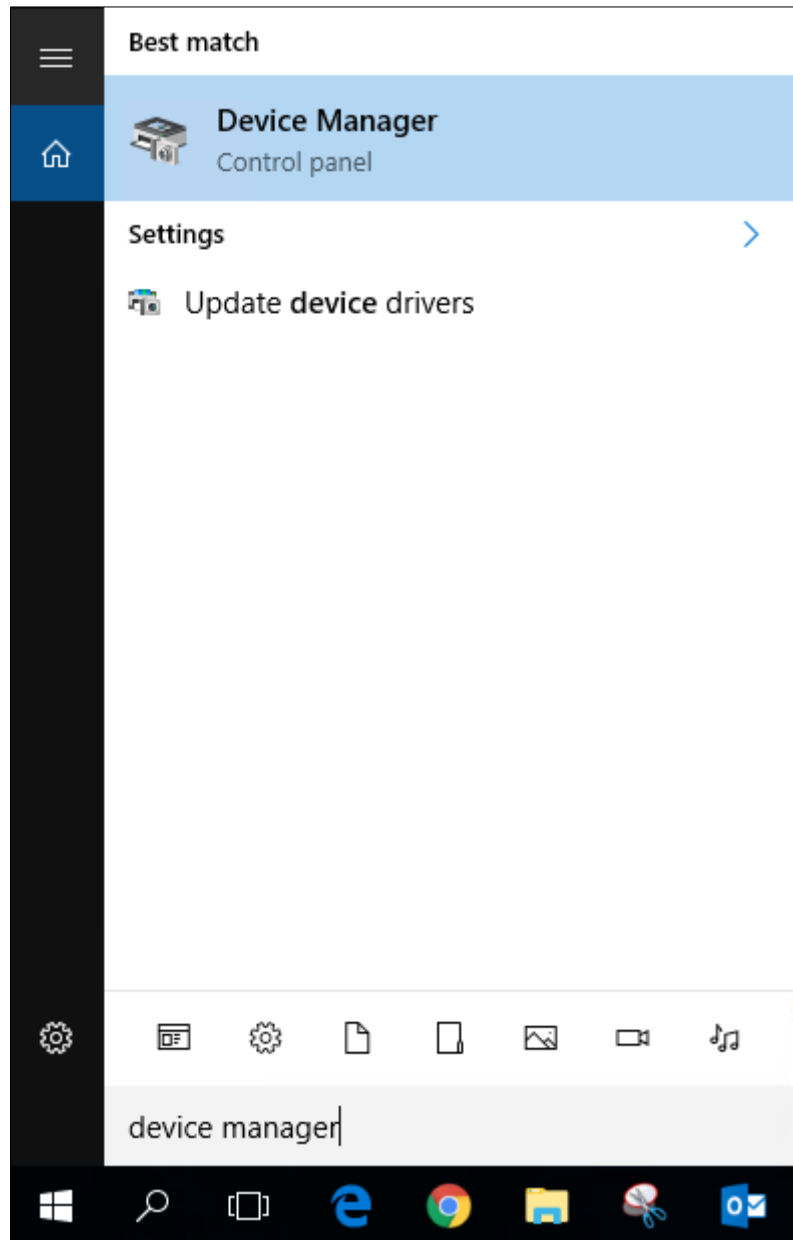
26. Click “**Finish**” to end the installation. The computer will restart to complete the installation.



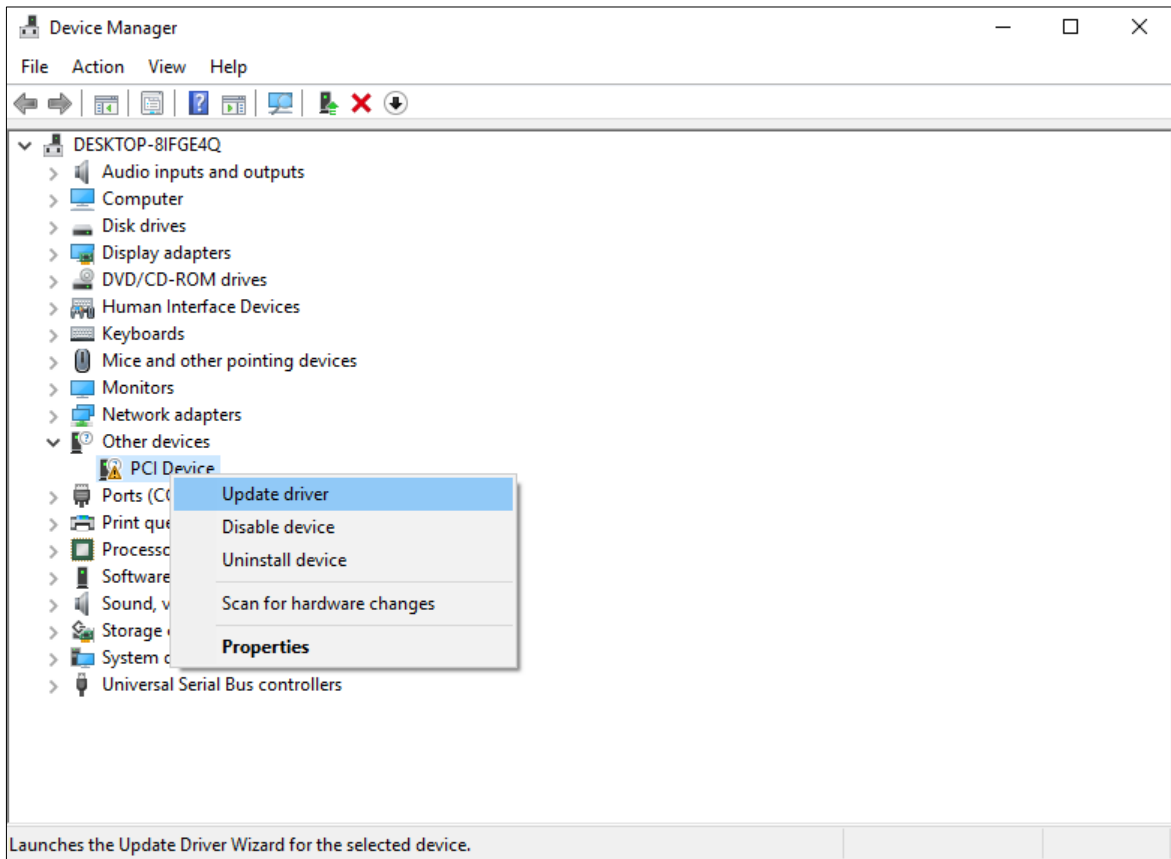
** Please continue to install PCIe x64 IO Card driver .

Install PCIe_x64 IO card driver

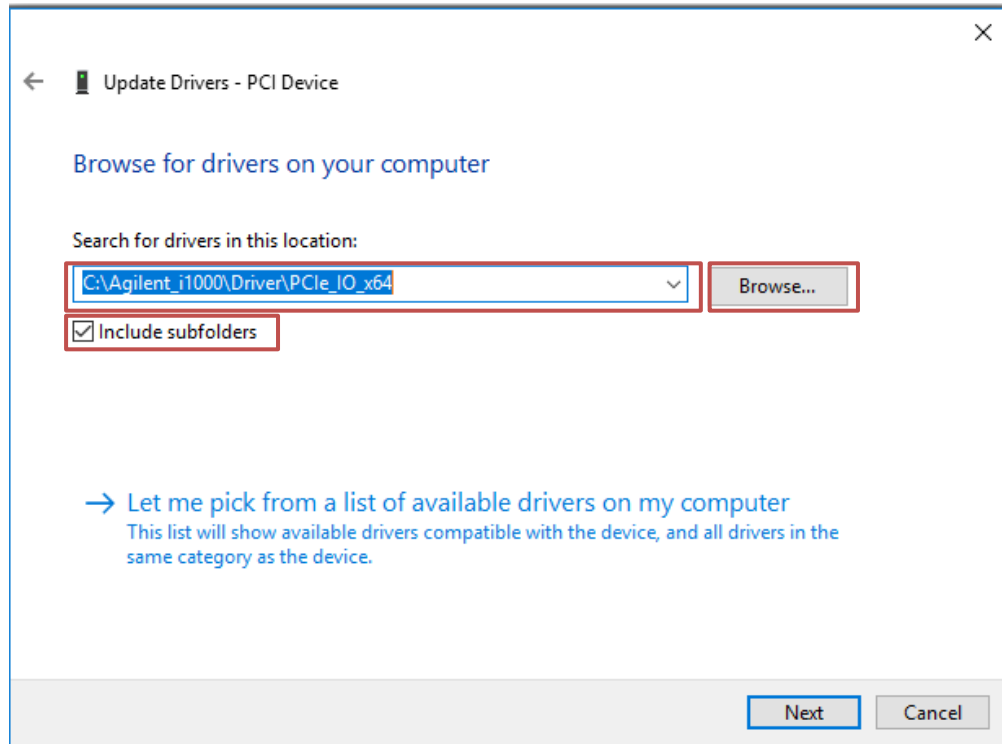
1. Launch Windows “Device Manager”



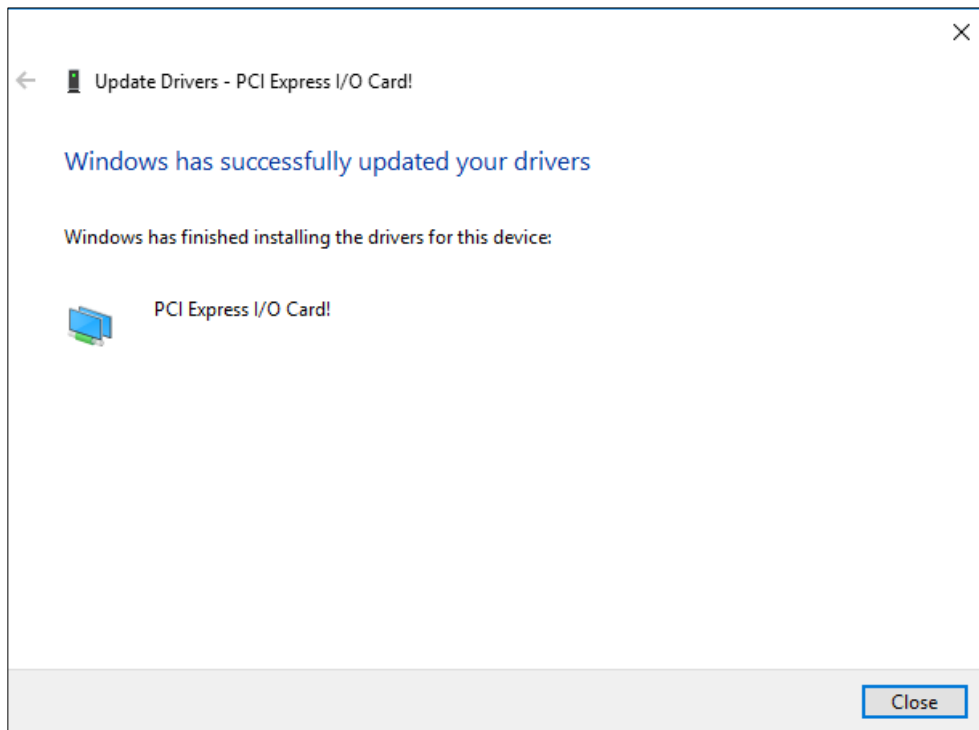
2. Right-Click on “Other devices – PCI Device”, then click “Update Driver.”



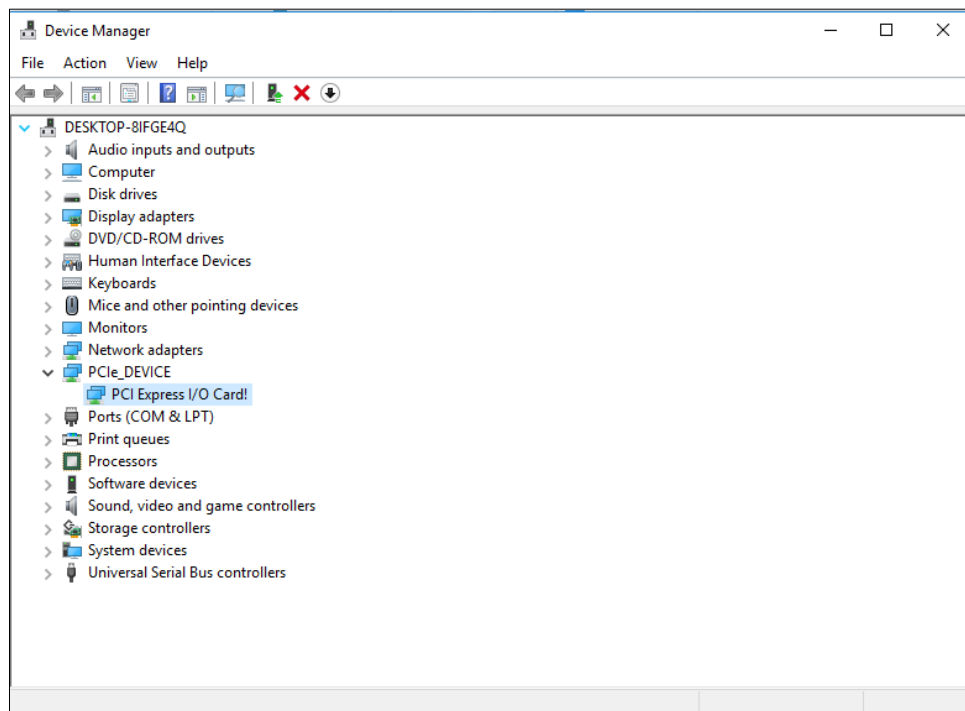
3. Click “Browse...” button to select the “C:\Agilent_i1000\Driver\PCIe_IO_x64” folder and check the “Include subfolders” option shown as below. Then click “Next”.



4. Click “Close” button to complete the driver update.



5. The “PCI Express I/O Card!” driver updated properly shown in “Device Manager” under “PCIe_DEVICE”

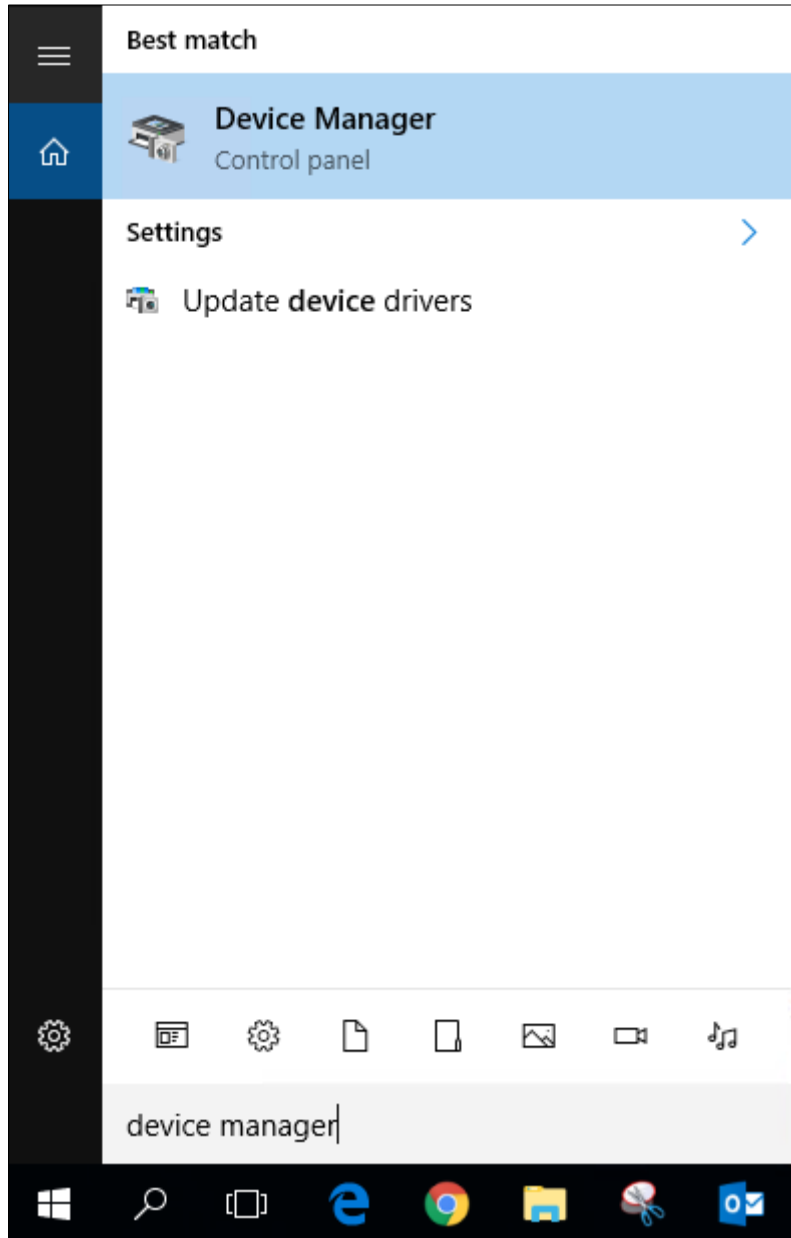


as below:

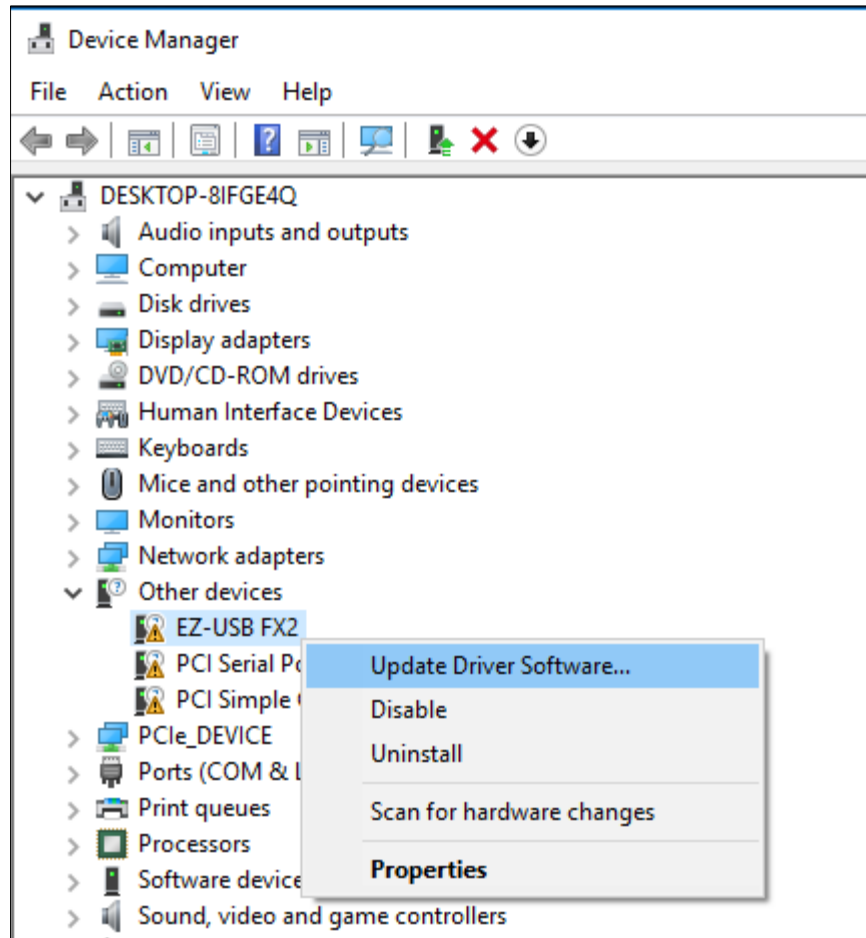
** For i1000 SFP (U9405A) controller, please follow the step to install USB host driver for PDU (Press Down Unit) IO Control Board.

Install Cypress USB driver

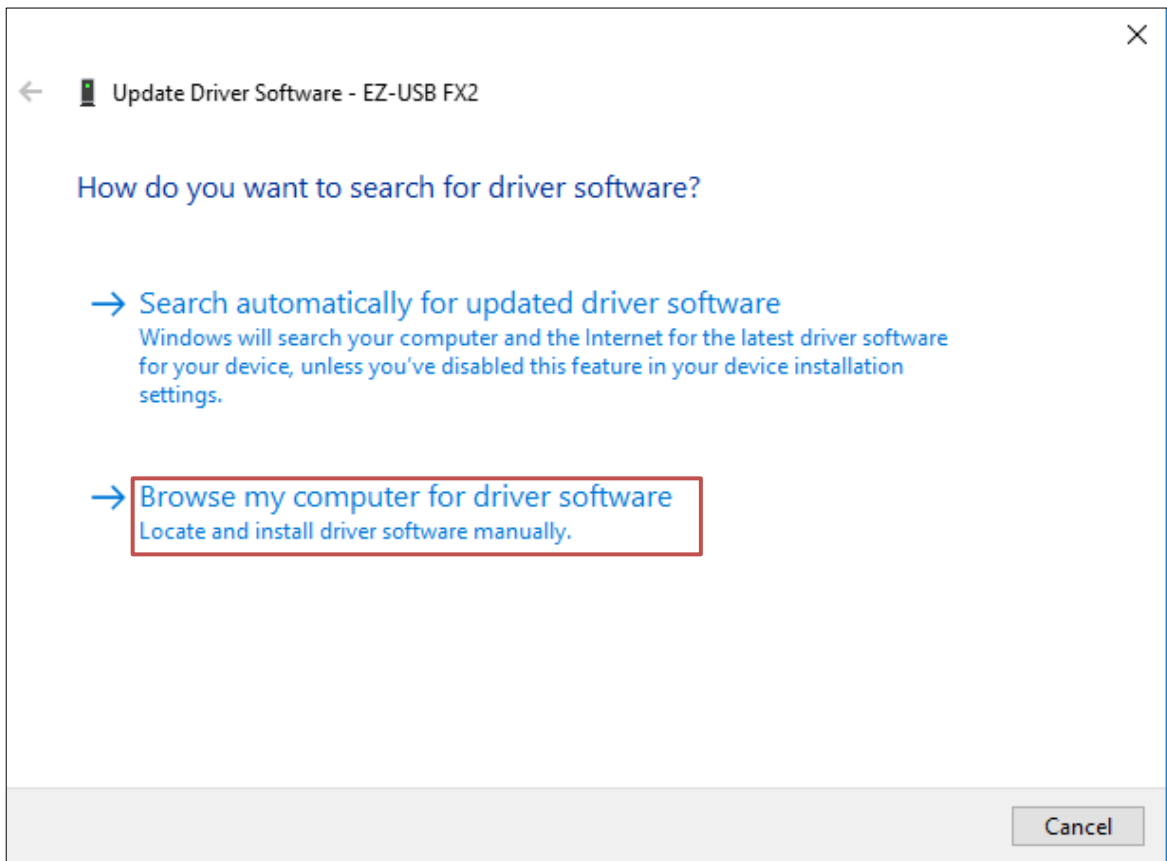
1. Launch Windows “Device Manager”



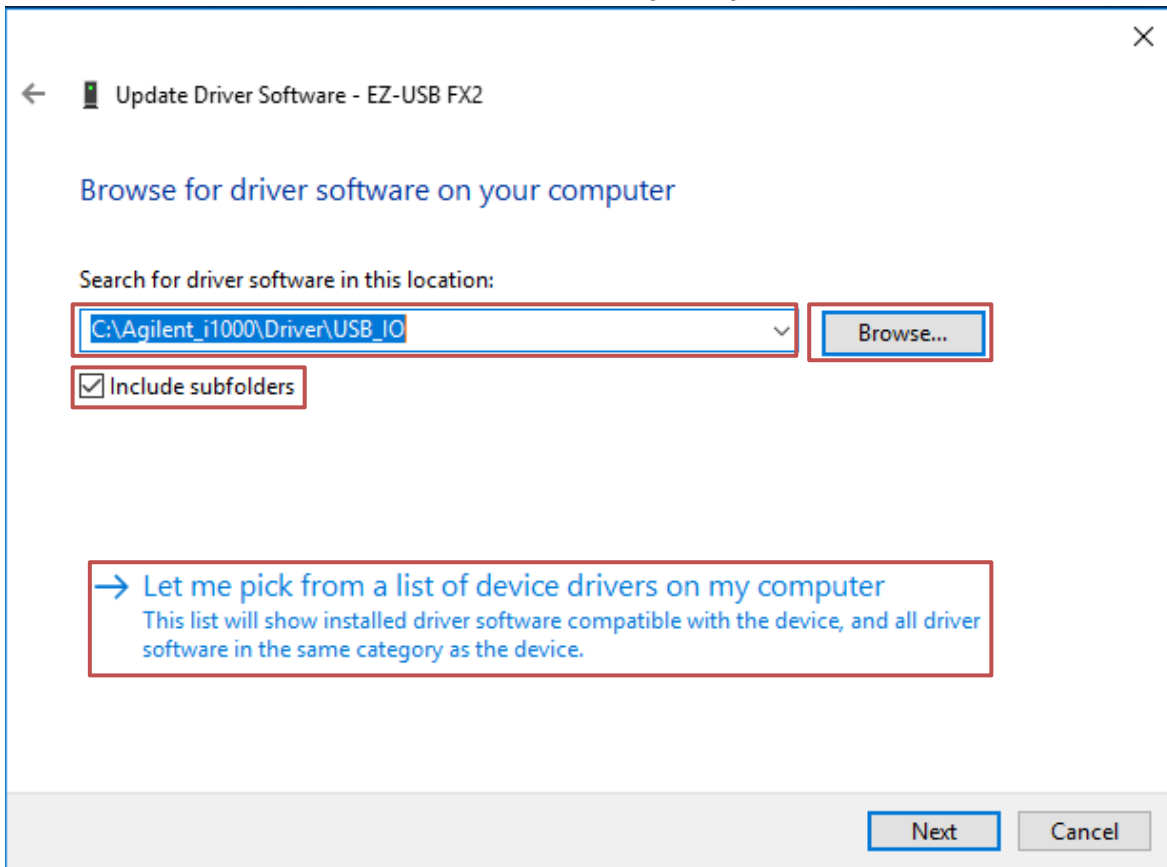
2. Right-Click on “Other devices – EZ-USB FX2”, then click “Update Driver Software..”



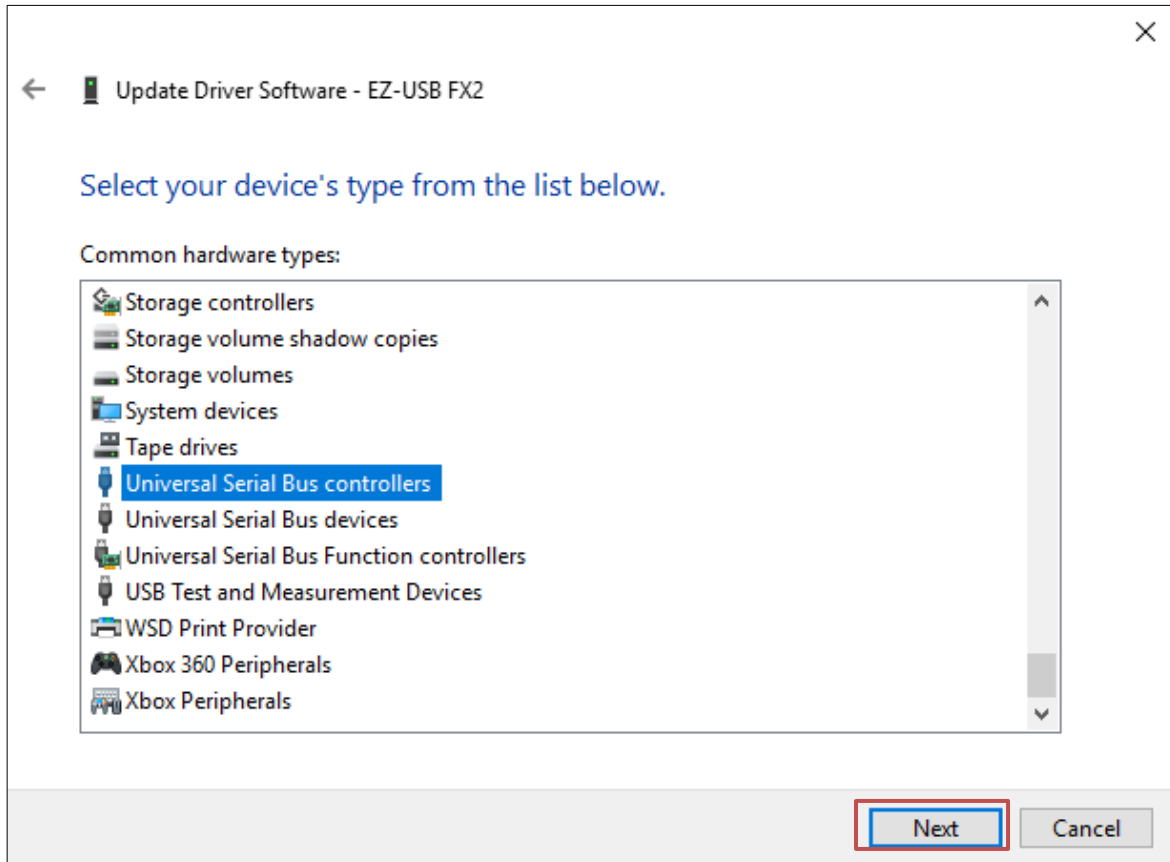
3. Click “Browse my computer for driver software”



4. Click “**Browse...**” button to select the “**C:\Agilent_i1000\driver\USB_IO**” directory and check the “**Include subfolders**” option shown as below. Then click “**Let me pick from a list of device drivers on my computer**” button.

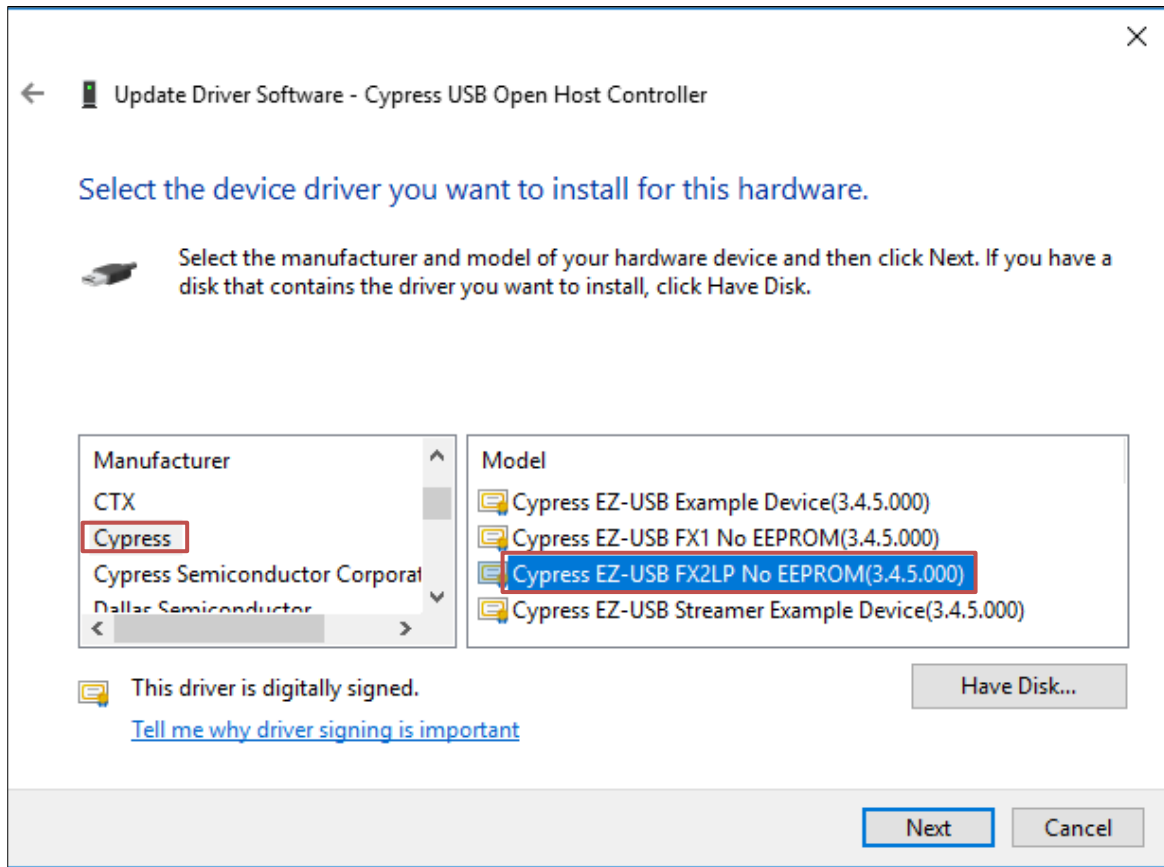


5. Select **“Universal Serial Bus controllers”** then click



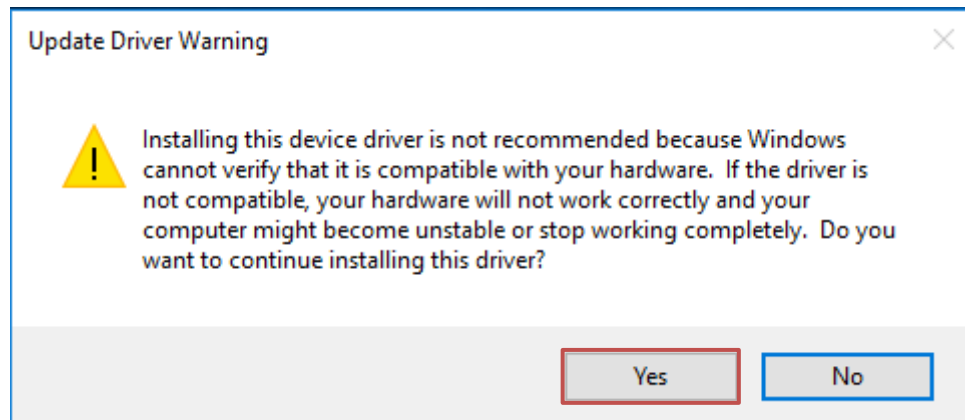
“Next” button.

6. Click “Cypress” on “Manufacturer” column, then Click “Cypress EZ-USB FX2LP No EEPROM(3.4.5.000)” on “Model” column. Then Click

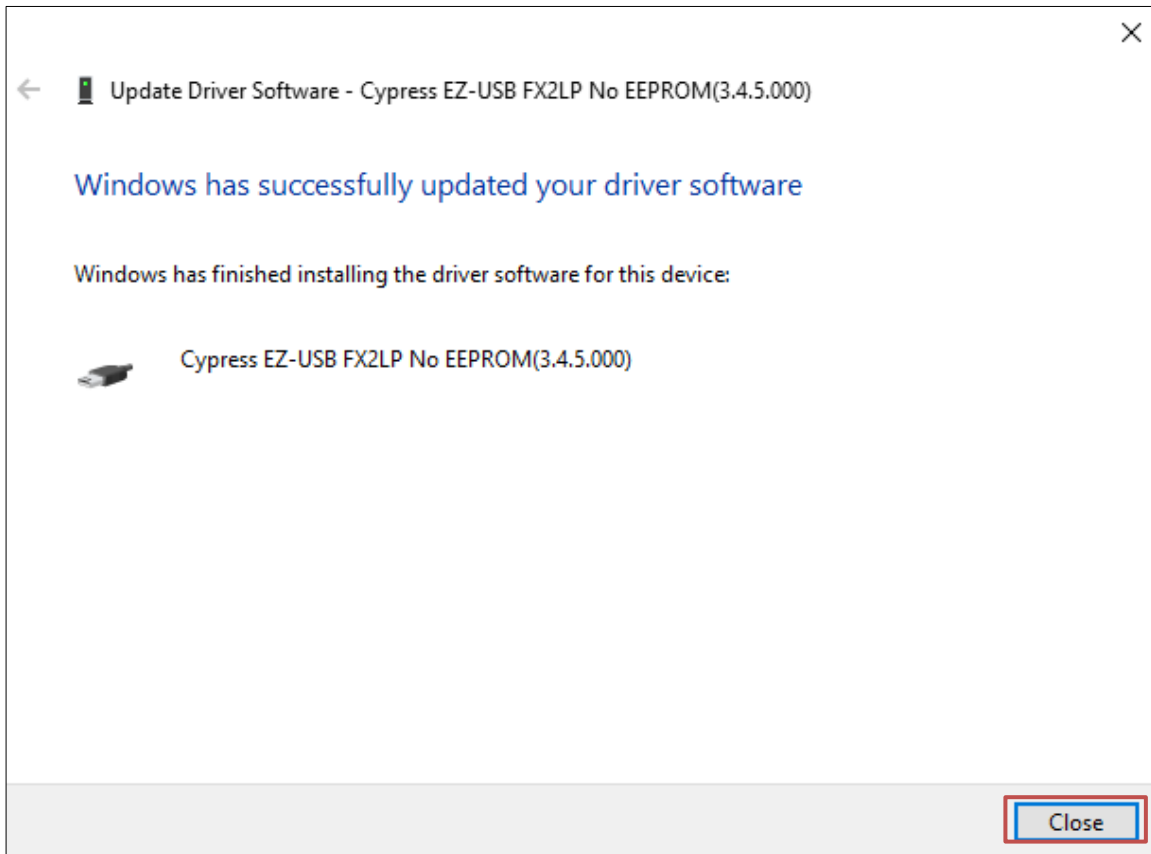


“Next” button to next step.

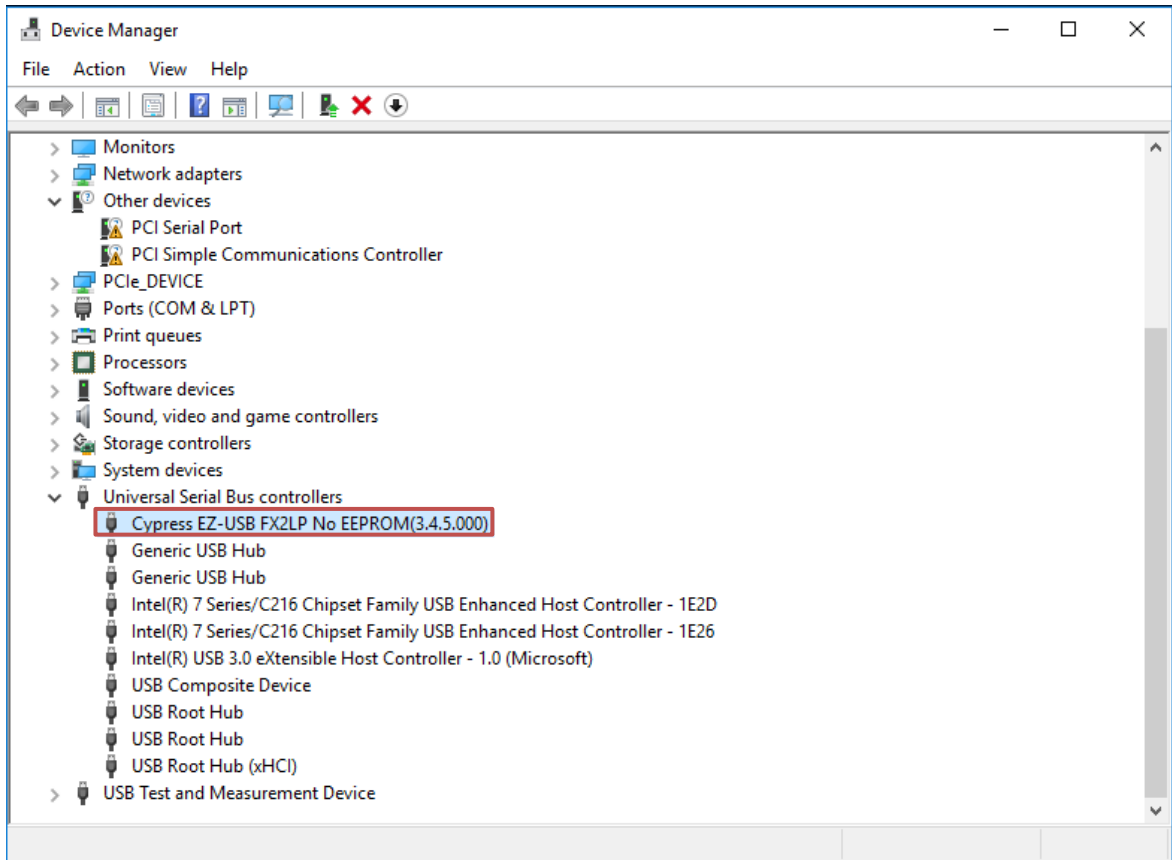
7. Click “Yes” to install the driver.



8. Click **“Close”** button to complete the driver update.



9. The “Cypress EZ-USB FX2LP” driver updated properly shown in “Device Manager” under “Universal Serial Bus controllers” as below:



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