SAM4S

SAPH-500 Series

System Drivers Installation Manual

Contents

Version of this document

Version	Date	Sign	Description
Rev 1.0	March 30, 2022	AJH	First published version.
Rev 1.1	May 13, 2022	AJH	Modifying installation of sound driver
Rev 1.2	Nov 21, 2022	HSJ	Sapphire model application

SAM4S

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1. **Installation of <u>INF</u> Intel Chipset Device Software**

    1) Run '**SetupChipset.exe**' file.

       - Supported OS : Win 10 (64bit), Win 11 (64bit)

       - Path : .₩Driver₩System_Drivers₩Chipset₩

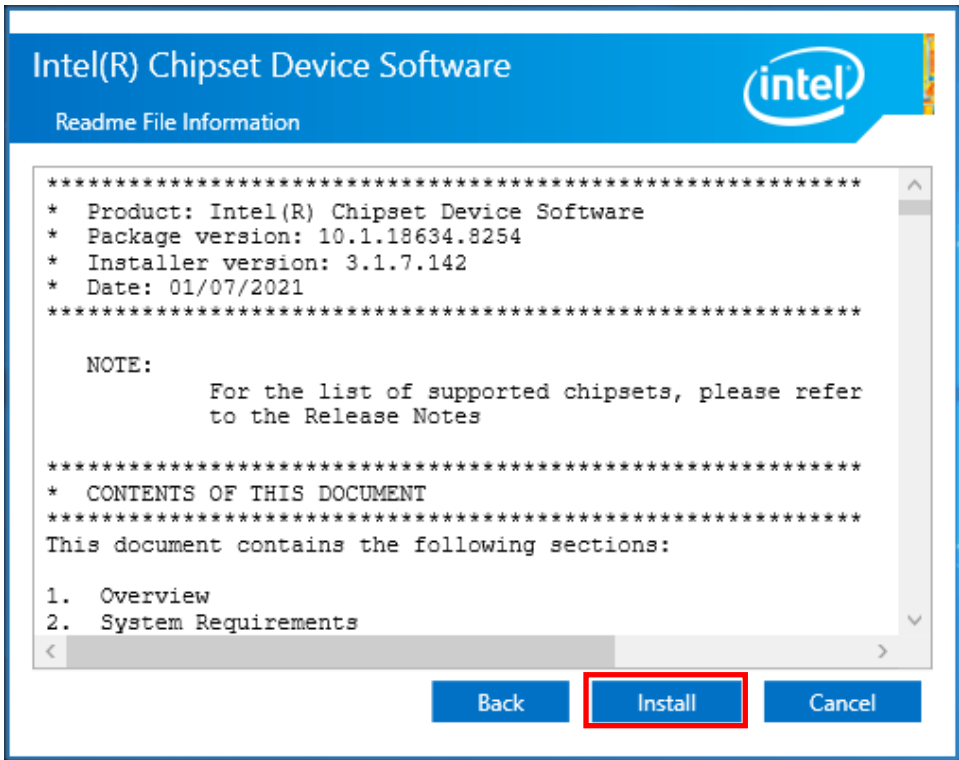   (If .zip file exist, unzip the .zip file.)

    2) Click '**Next**' button when setup program started.

SAPH-500 Series System Drivers Installation Manual
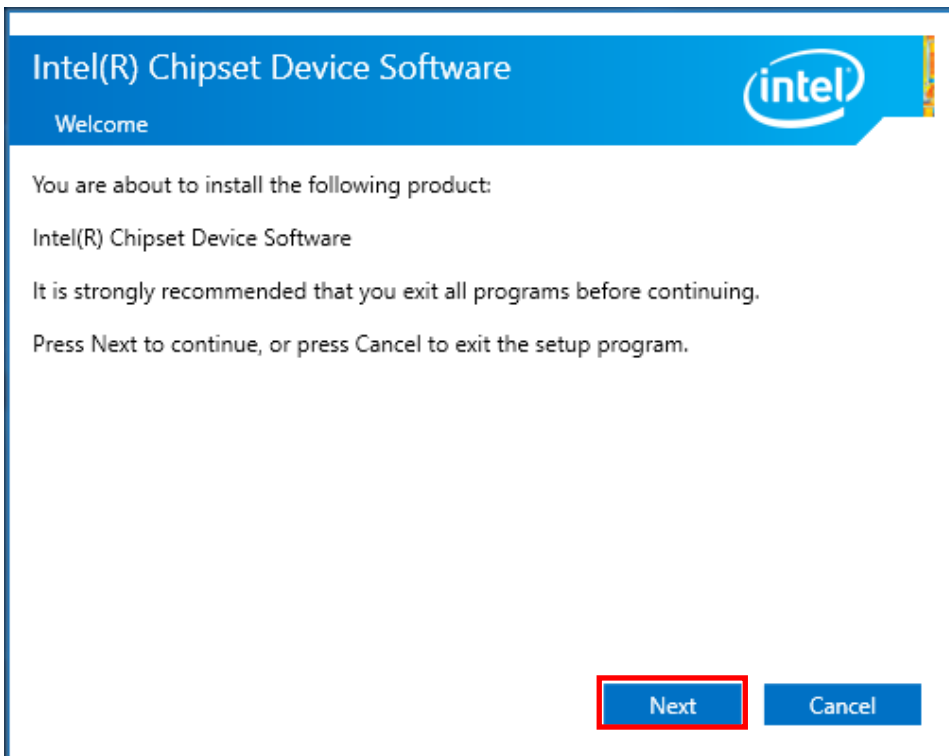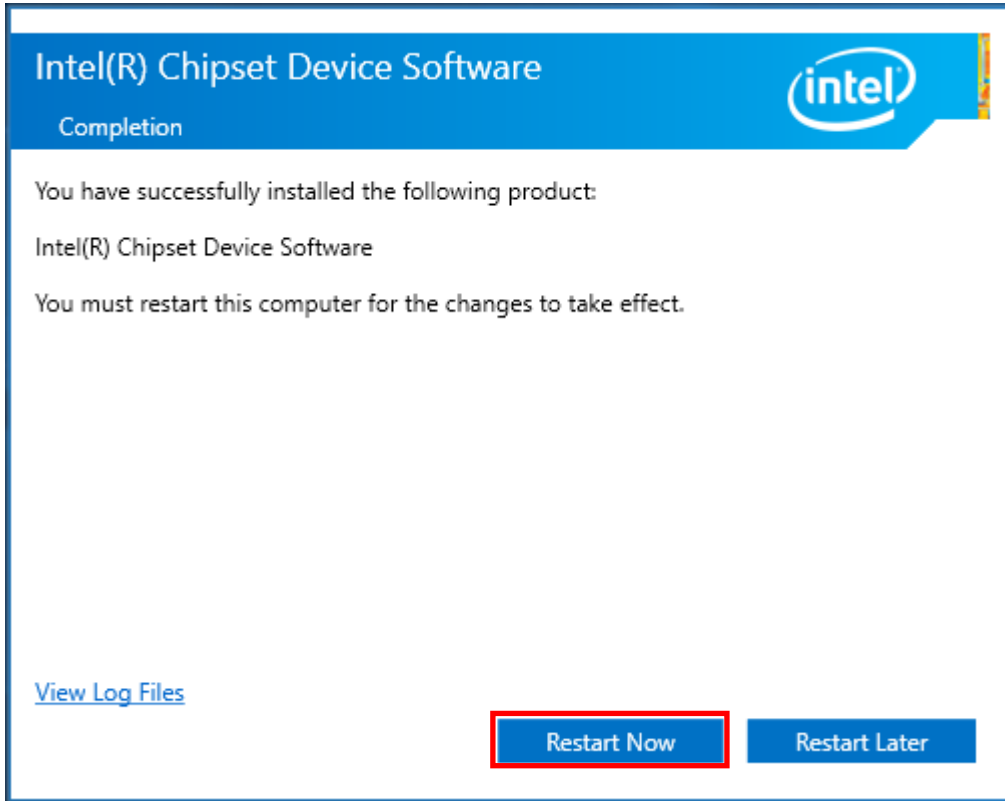
3) Click '**Accept**' button to accept the terms of the license agreement.

4) Click '**Install**' button when readme file appeared..

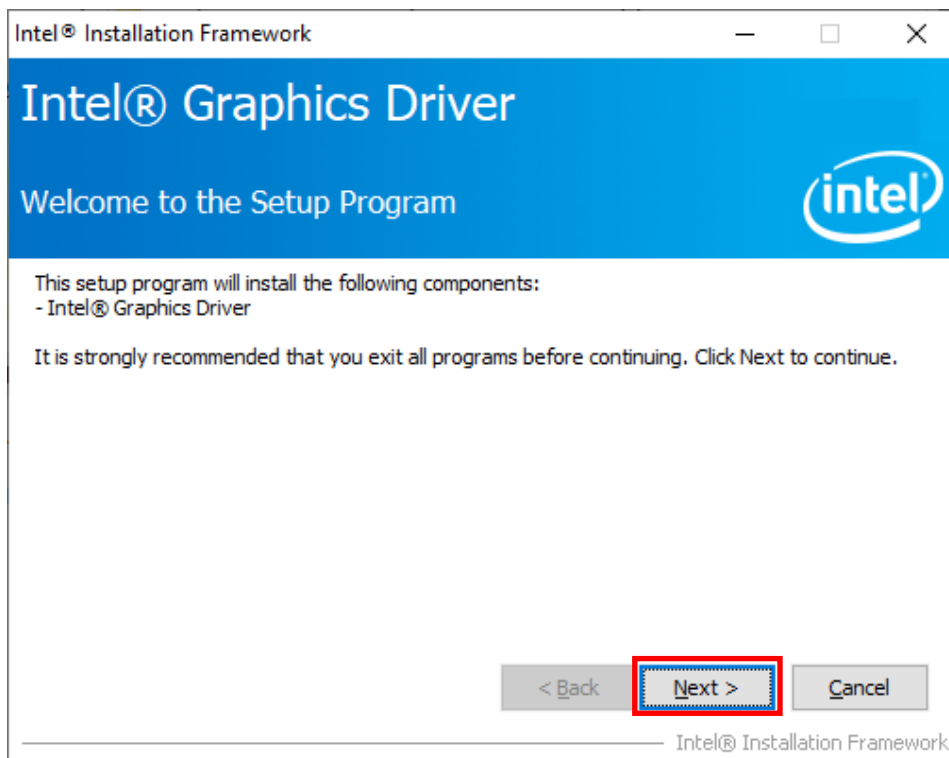5) Restart your computer to click '**Restart Now**' button.

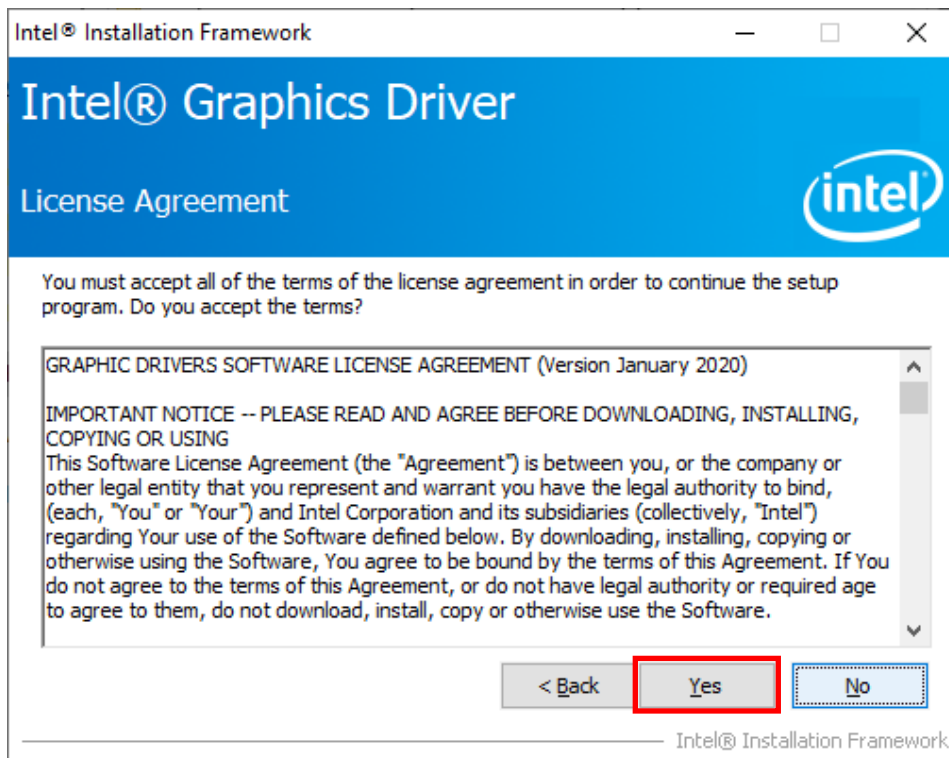## 2. Installation of GRAPHIC Driver

1) Run '**igxpin.exe**' file.
  - Supported OS : Win 10 (64bit), Win 11 (64bit)
  - Path : .₩Driver₩System_Drivers₩Graphics₩WIN64₩
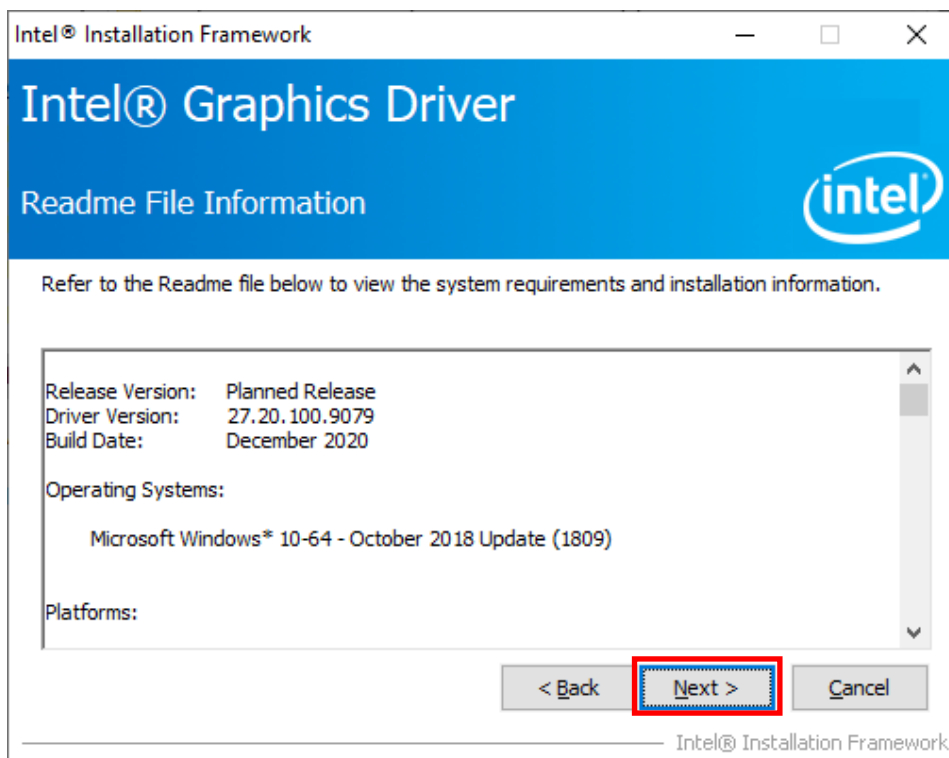   (If .zip file exist, unzip the .zip file.)

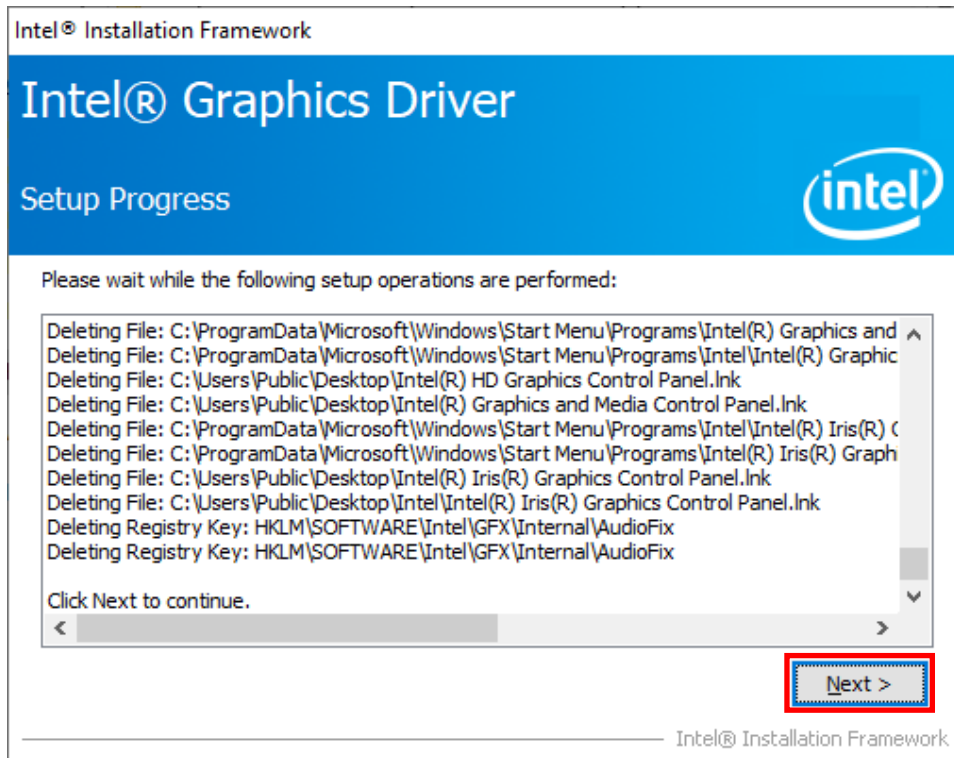2) Click '**Next**' button when setup program started.

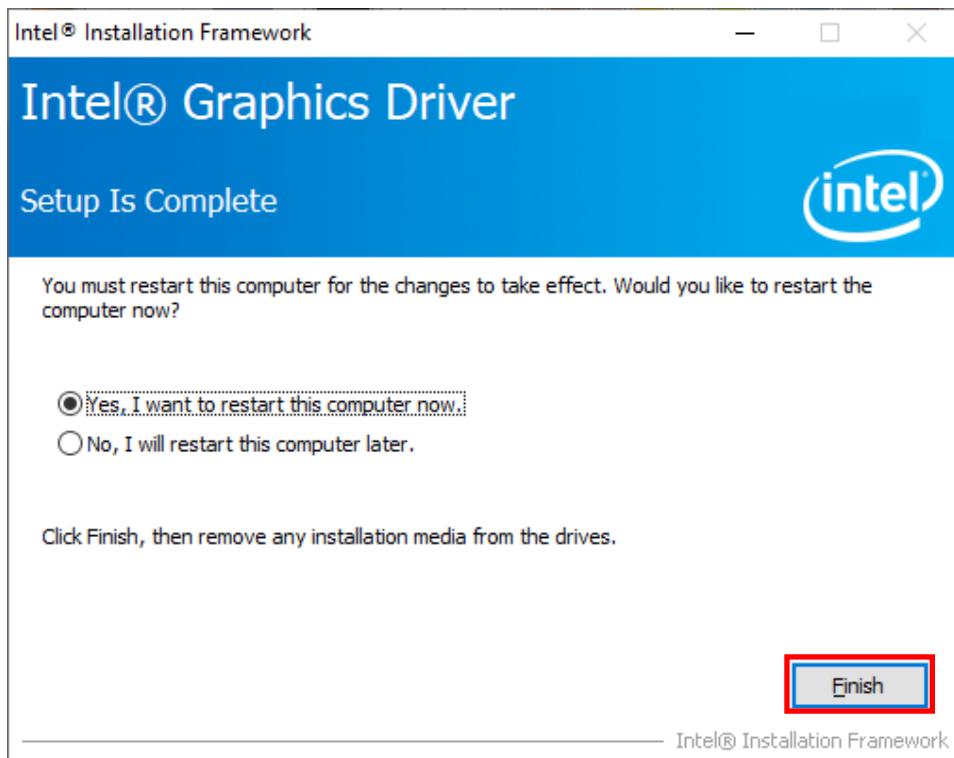3) Click 'Yes' button to accept the terms of the license agreement.

4) Click 'Next' button when readme file appeared.
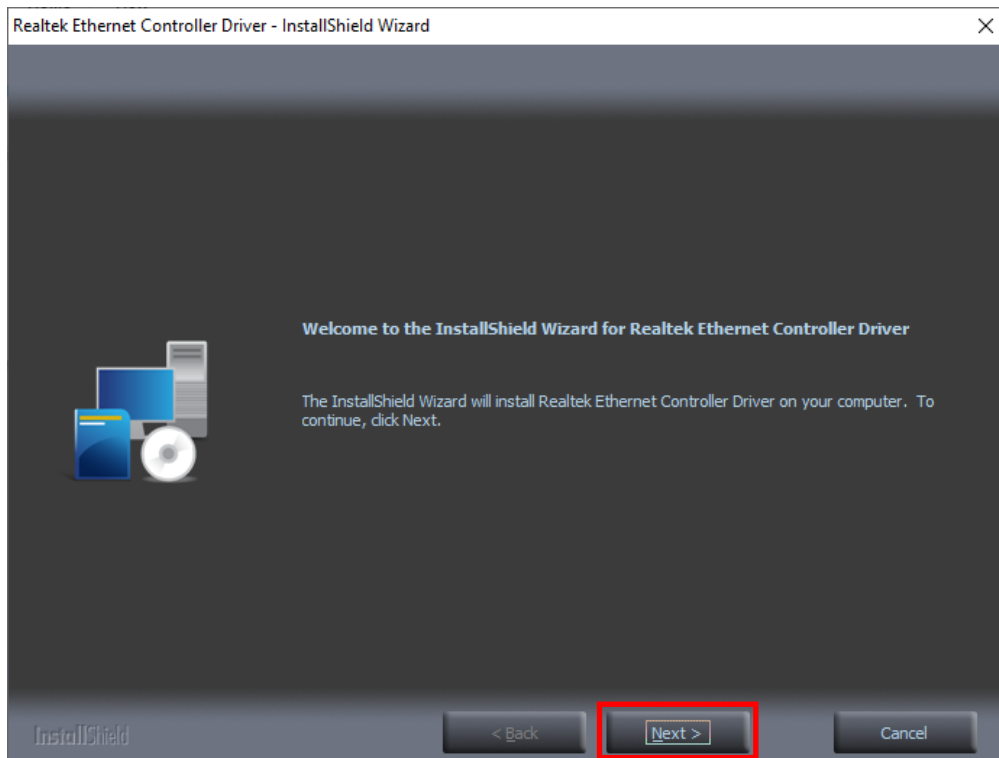
5) Click '**Next**' button to continue.

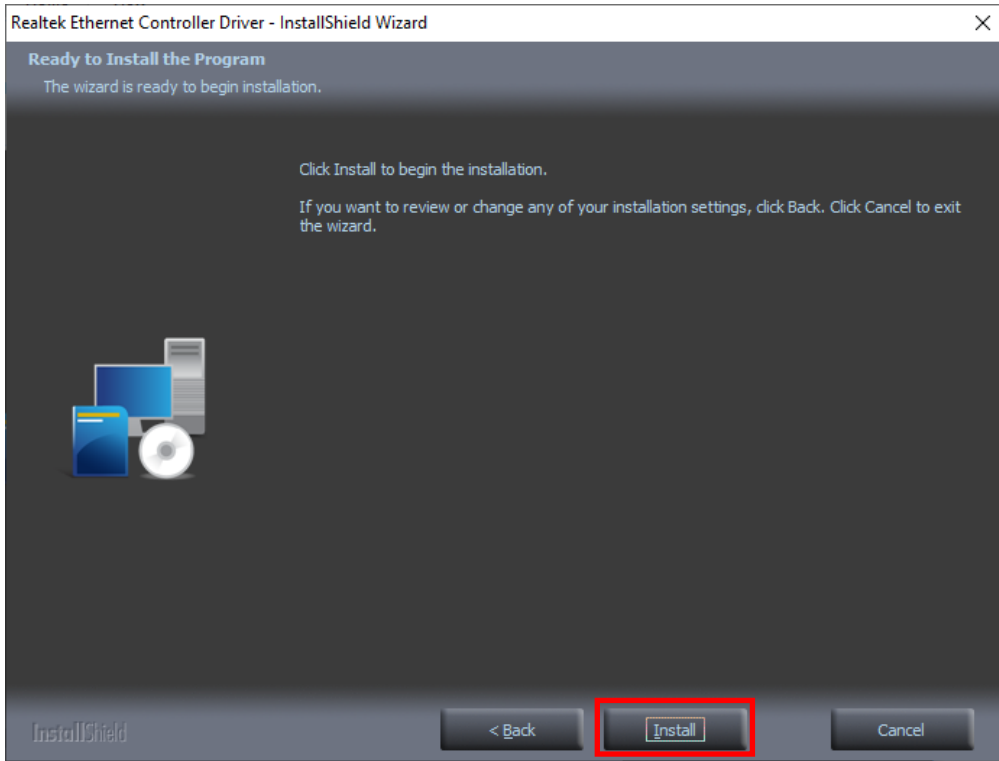6) Restart your computer to click '**Finish**' button.

3. Installation of LAN Driver

1) Run '**Install_Win10_xxx_xxx.exe**' file.
   - Supported OS : Win 10 (64bit), Win 11 (64bit)
   - Path : .₩Driver₩System_Drivers₩Lan₩RTL8111H_LAN₩
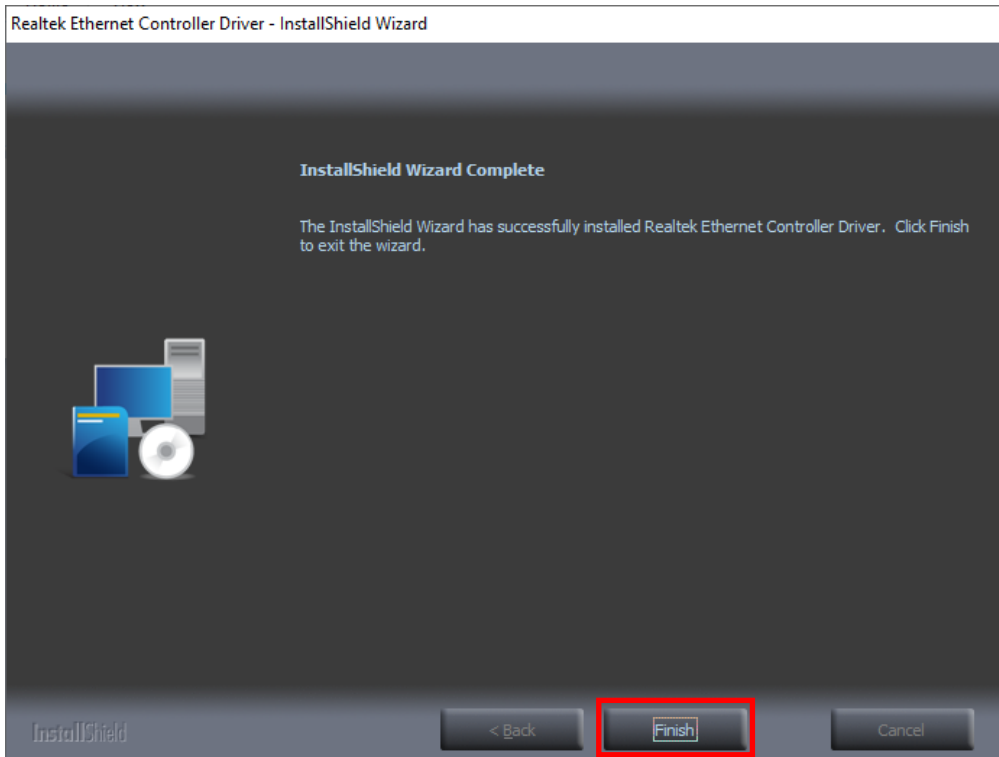   (If .zip file exist, unzip the .zip file.)

2) Click '**Next**' button when setup program started.

3) Click '**Install**' button to continue.

4) Click '**Finish**' button.
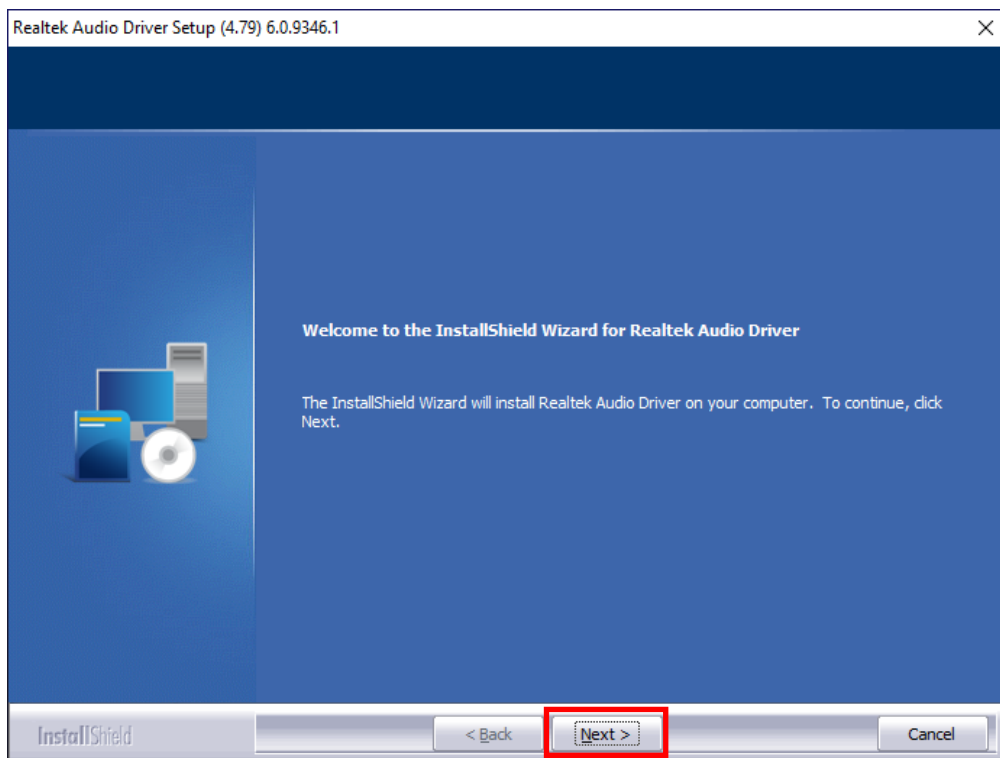
4. Installation of SOUND Driver

> ※ Sound driver configuration
>
>   Sound driver consists of "Universal Audio Driver (UAD)" and "Universal Windows Platform (UWP)".
>
>   After installing "Universal Audio Driver" first, need to install "Universal Windows Platform".
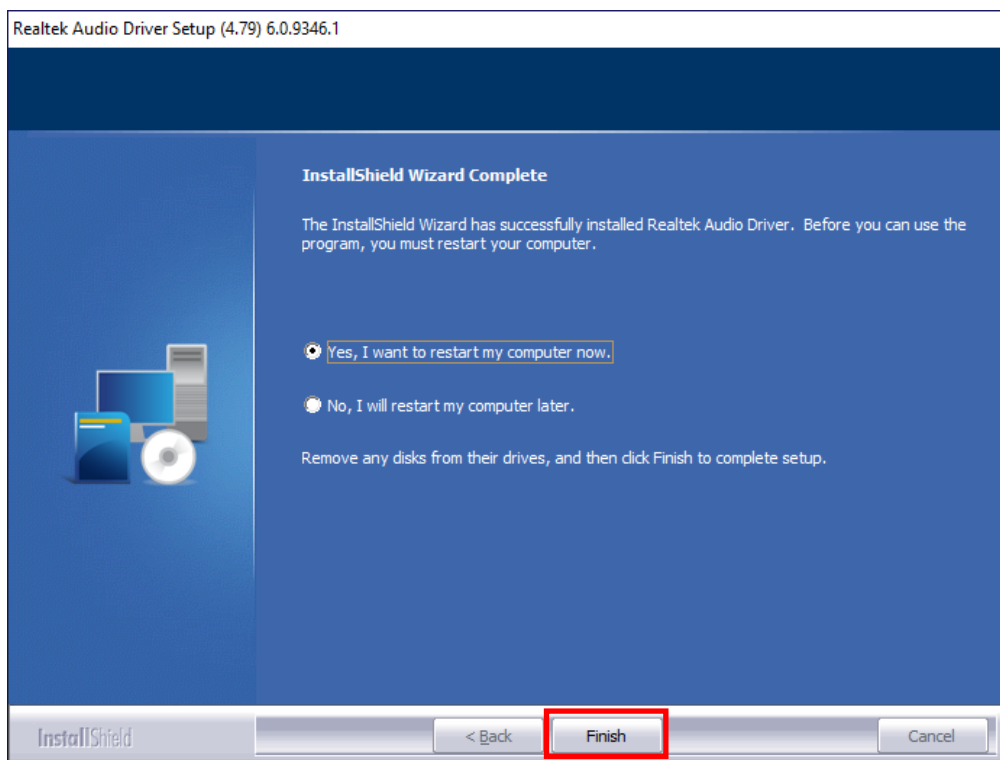
1) Run '**Setup.exe**' file for installation of Universal Audio Driver.

   - Supported OS : Win 10 (64bit), Win 11 (64bit)

   - Path : .\Driver\System_Drivers\Audio\xxx_UAD_xxx

        (If .zip file exist, unzip the .zip file.)

2) Click '**Next**' button when setup program started.

3) Restart your computer to click '**Finish**' button.

4) If you want to do device advanced setting of audio driver, Run as administrator 'InatallPackage.bat' file for installation of Universal Windows Platform (UWP, Realtek Audio Console).

   - Supported OS : Win 10 (64bit), Win 11 (64bit)

   - Path : .₩Driver₩System_Drivers₩Audio₩xxx_UWP_xxx

        (If .zip file exist, unzip the .zip file.)
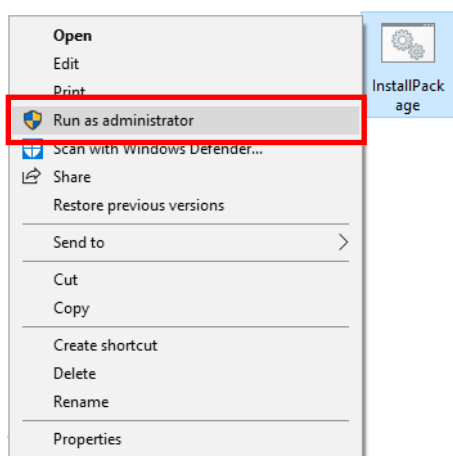
5) When the installation is complete, the command prompt window will automatically close.

5. Installation of ME Driver

※ ME (Intel Management Engine Driver) ?

The Intel ME installer detects the Intel NUC's capabilities and installs the relevant drivers.
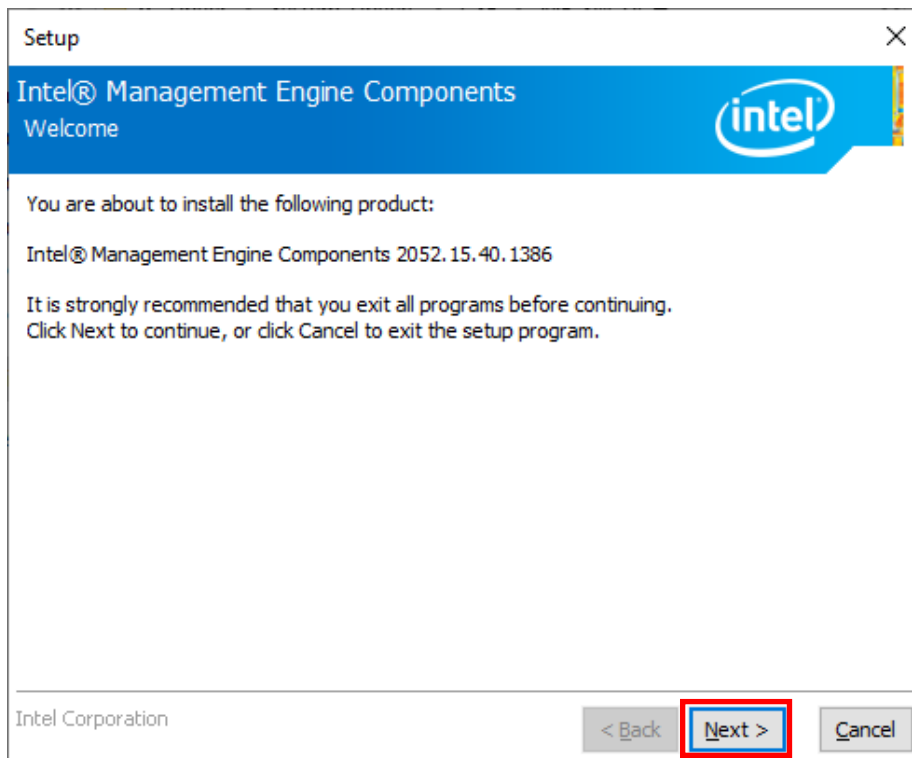
1) Run 'SetupMe.exe' file.
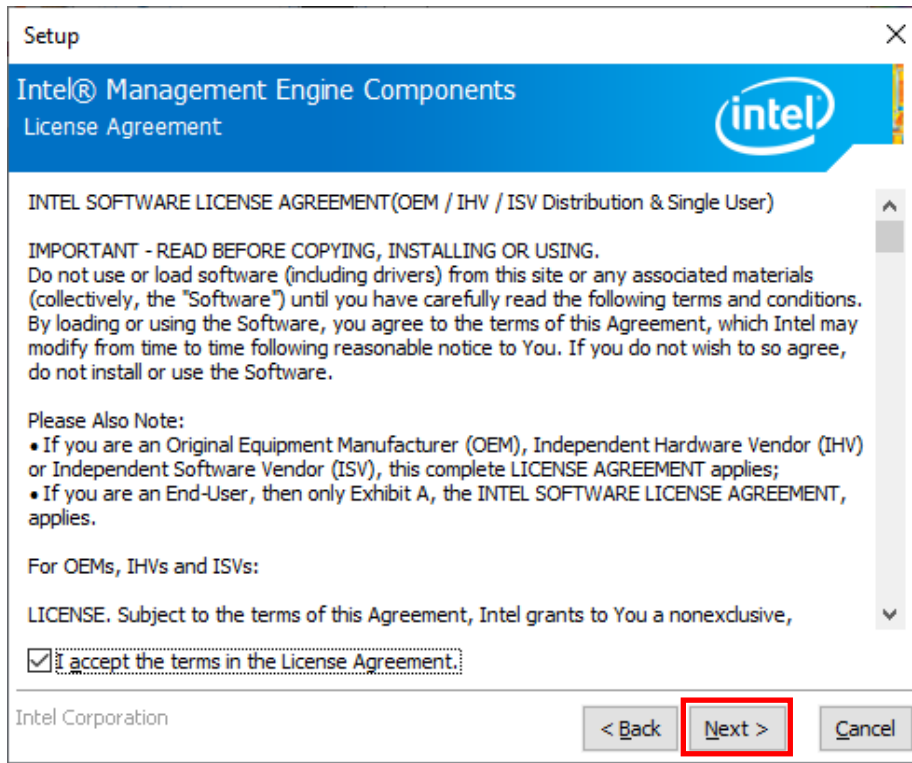
- Supported OS : Win 10 (64bit), Win 11 (64bit)

- Path : .₩Drivers₩System Drivers₩CSE₩
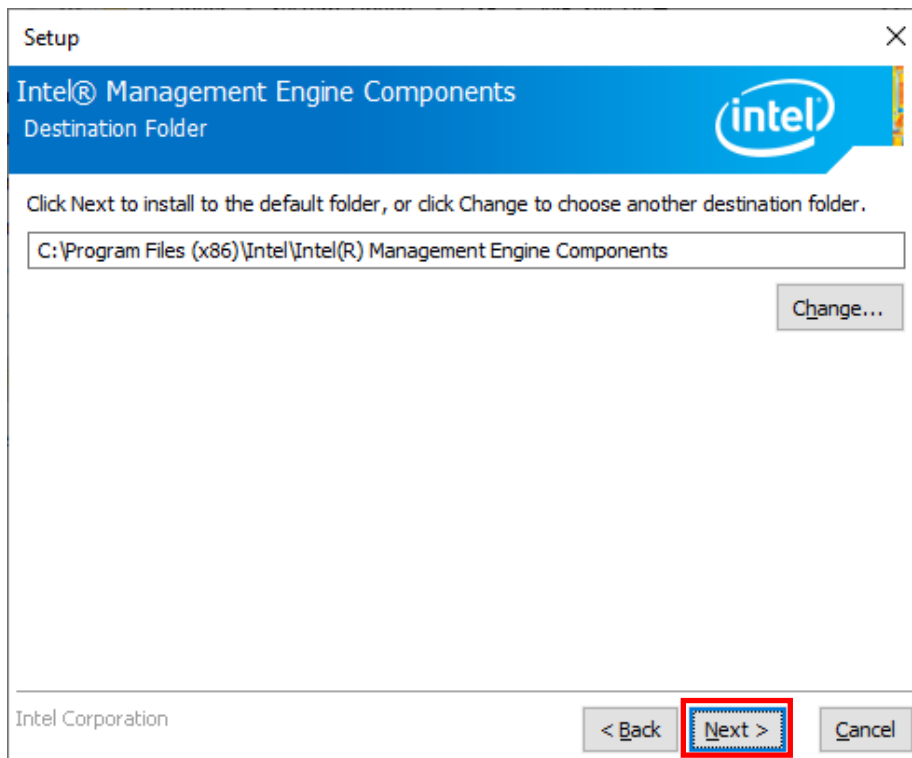
(If .zip file exist, unzip the .zip file.)

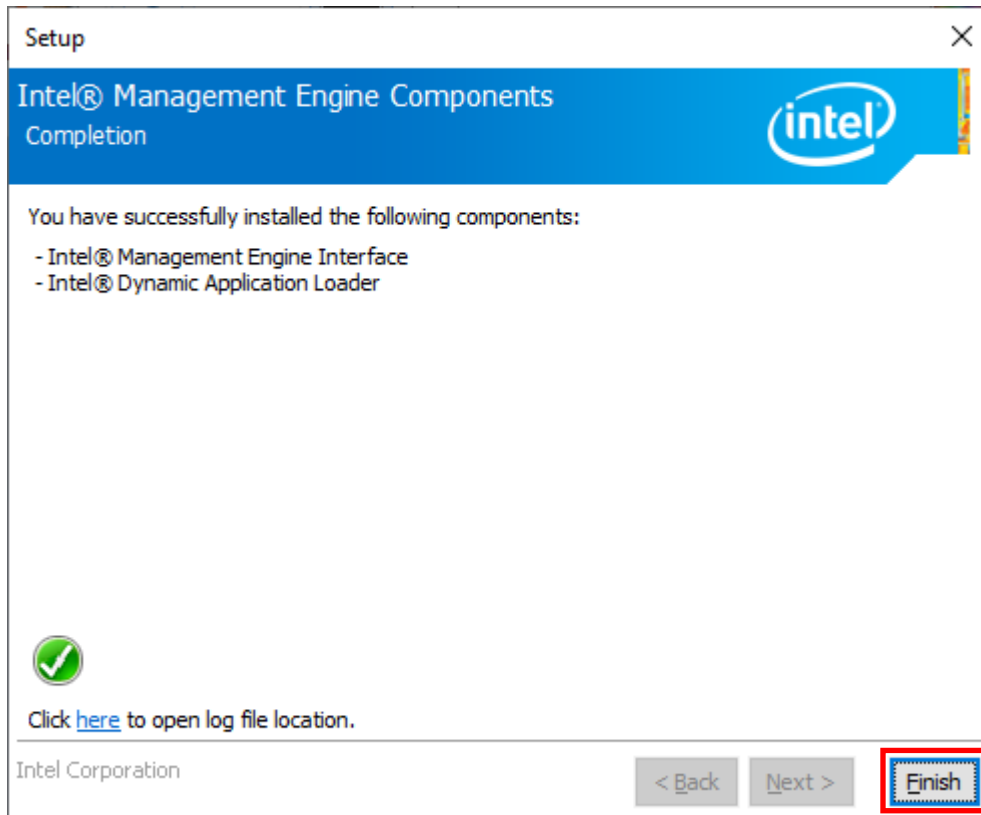2) Click 'Next' button when setup program started.

3) Click 'Next' button to accept the terms of the license agreement.

4) click 'Next' button to continue.

5) click '**Finish**' button.

## 6. Installation of HID Event Filter Driver

> ※ HID (Human Interface Device) Event Filter Driver?
>
> The Intel human interface device (HID) driver enables the BIOS to communicate with
> the operating system through Intel HID messages during an event of any input.
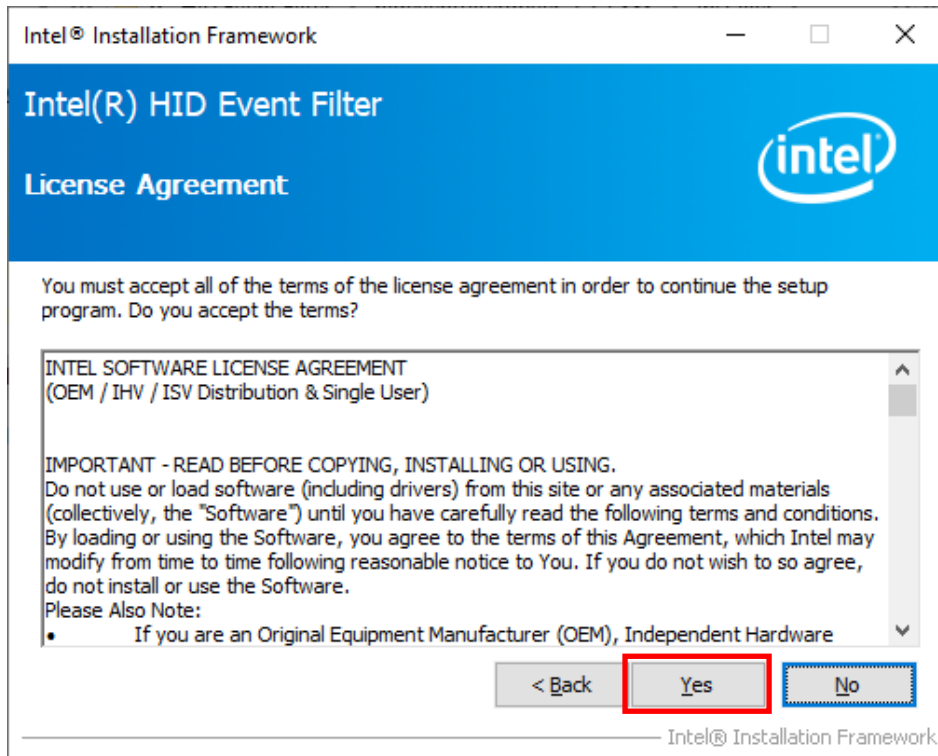
1) Run '**Setup.exe**' file.

   - Supported OS : Win 10 (64bit), Win 11 (64bit)

   - Path : .\Driver\System_Drivers\HID Event Filter\

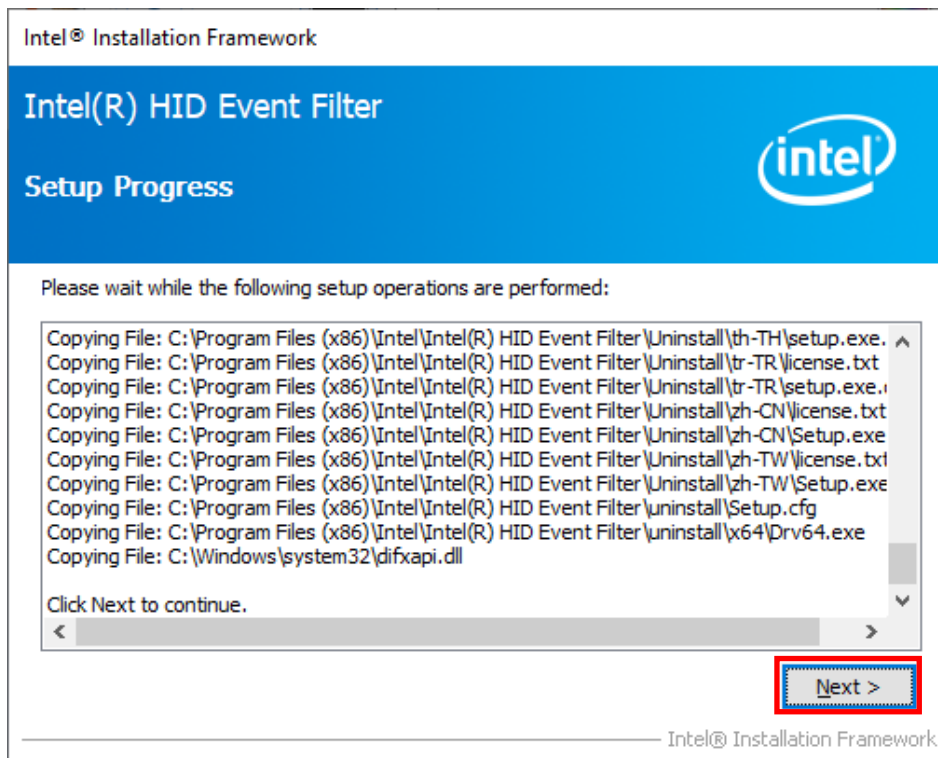   (If .zip file exist, unzip the .zip file.)
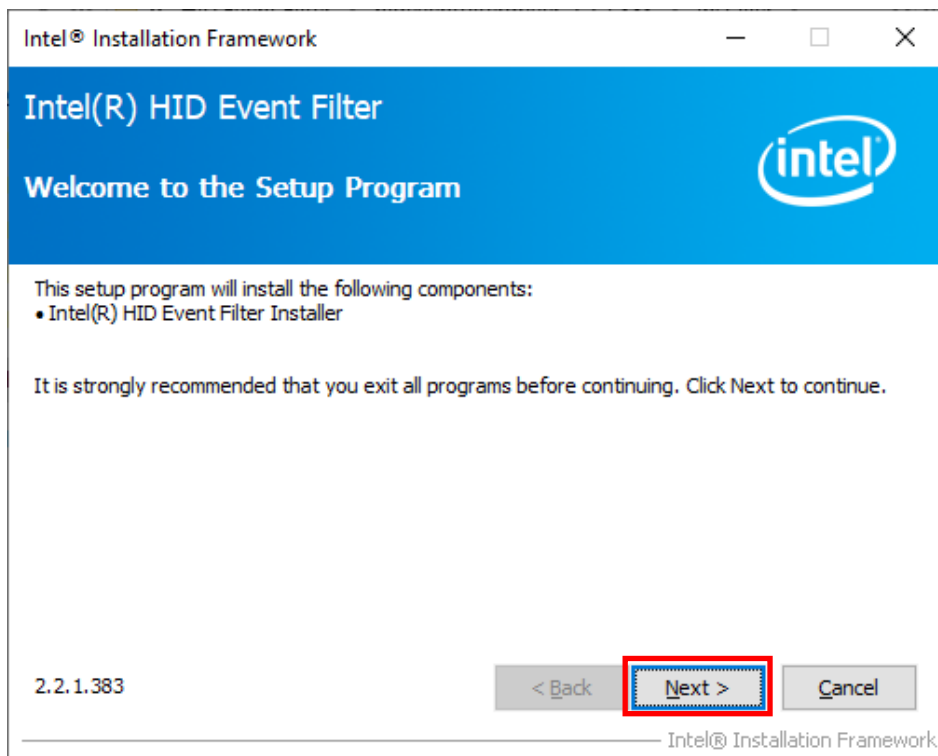
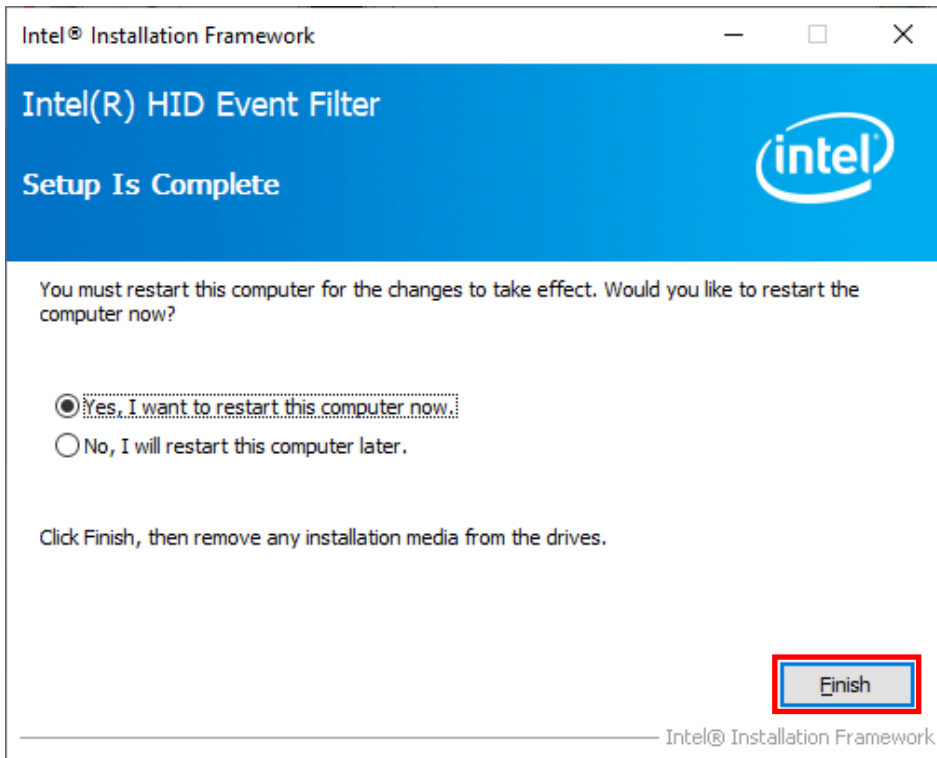2) Click '**Next**' button when setup program started.

3) Click '**Yes**' button to accept the terms of the license agreement.

4) click '**Next**' button to continue.

5) Restart your computer to click 'Finish' button.

7. Installation of IO Driver

> ※ IO Driver ?
>
> Intel Serial IO Bus Drivers software stack provides drivers for these IO modules to control the serial interfaces and sensors that are connected in the Intel Serial IO buses.
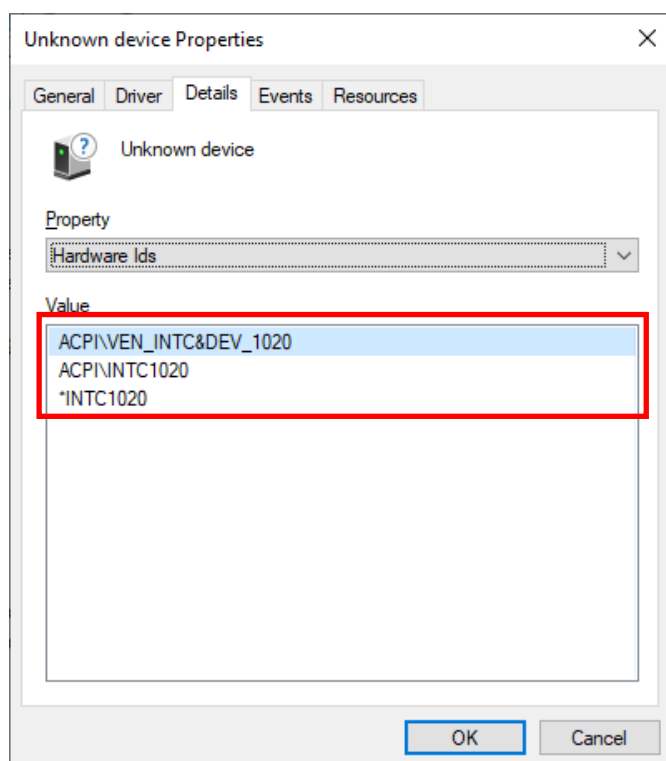
1) Unzip the .zip file.
   - Supported OS : Win 10 (64bit), Win 11 (64bit)
   - Path : .₩Driver₩System_Drivers₩Serial IO₩
         (If .zip file exist, unzip the .zip file.)
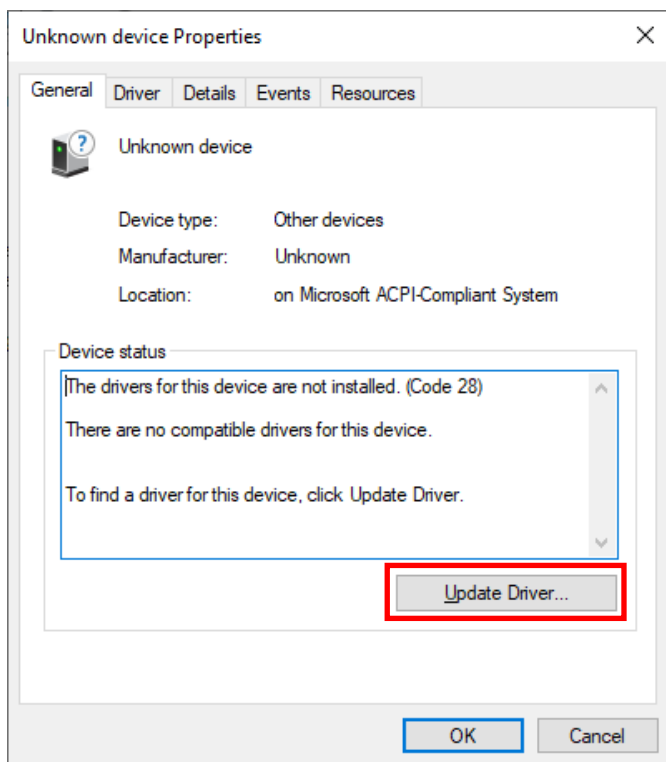
2) Run 'Device Manager'.

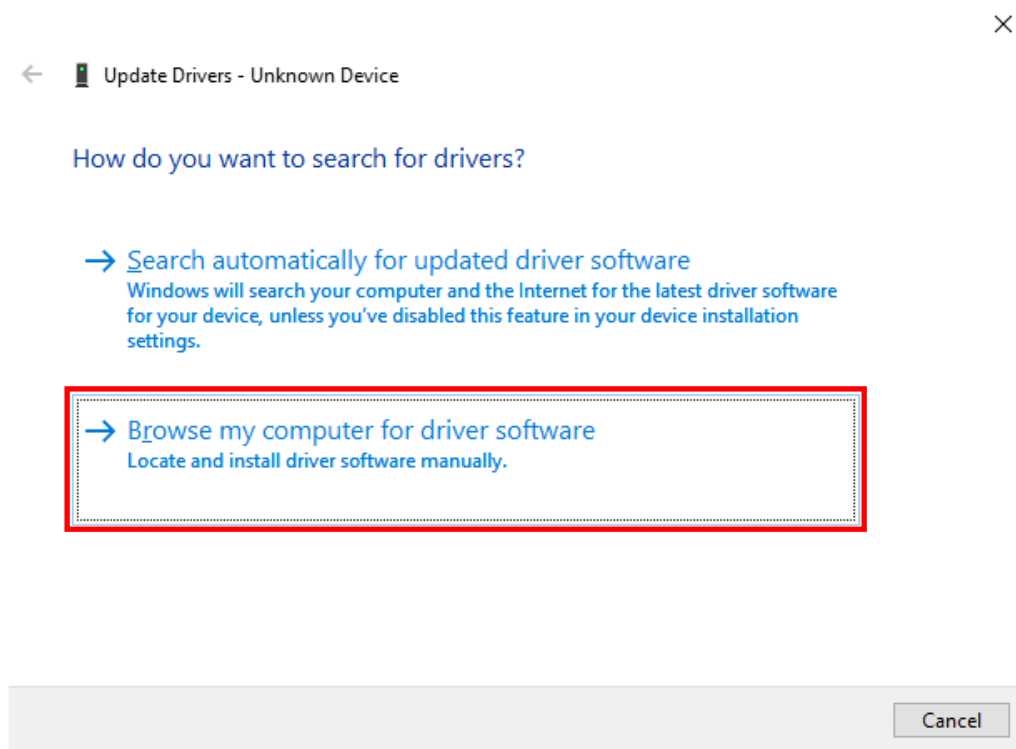3) Run the 'Details' tab in the properties of 'Other devices - Unknown device'.

4) Find the device with "INTC1020" value in the 'Hardware ID' property.

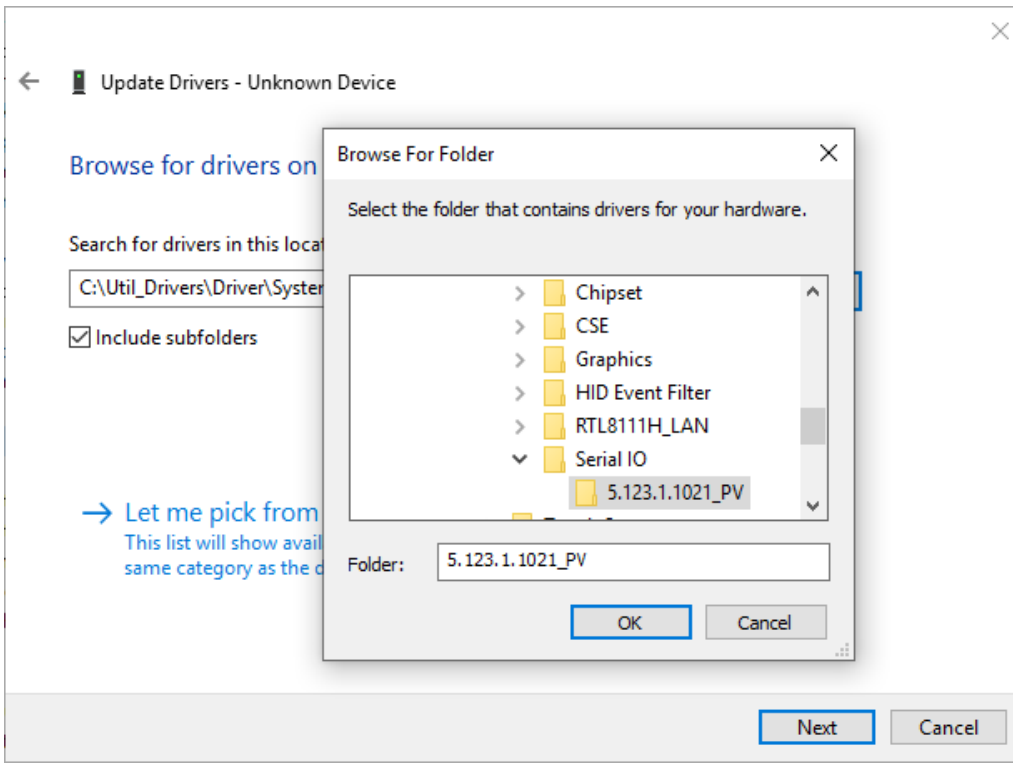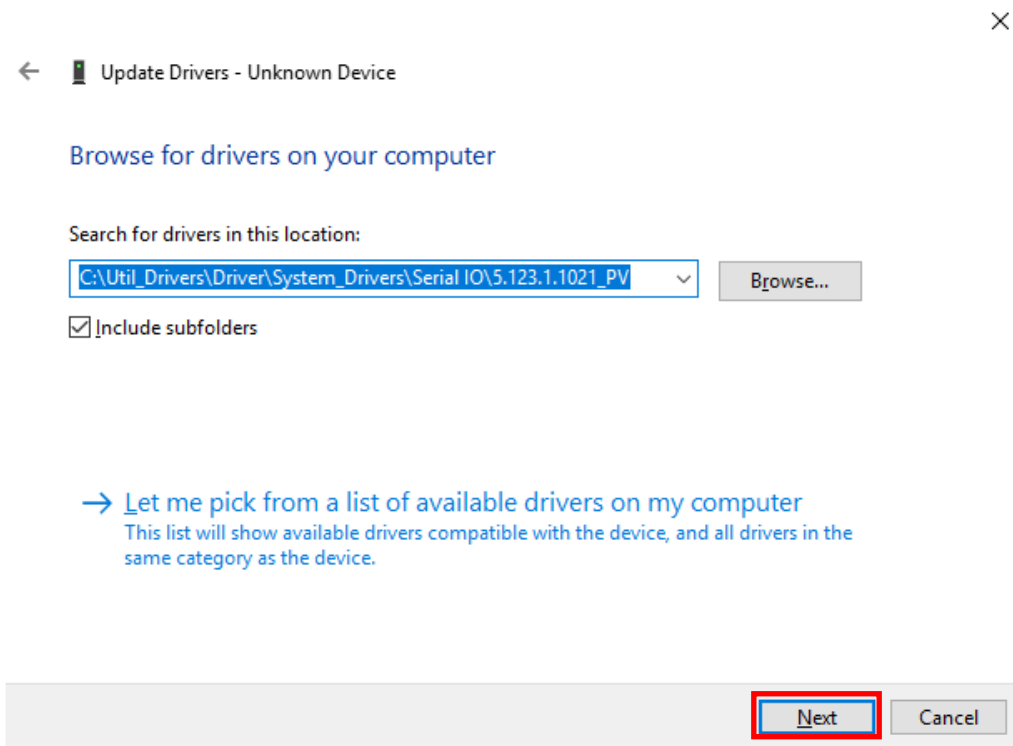5) Run the 'General' tab of the found device properties and then run '**Update Driver**'.

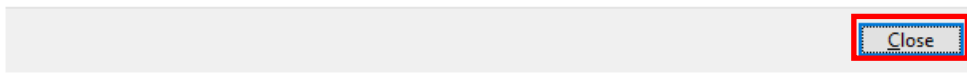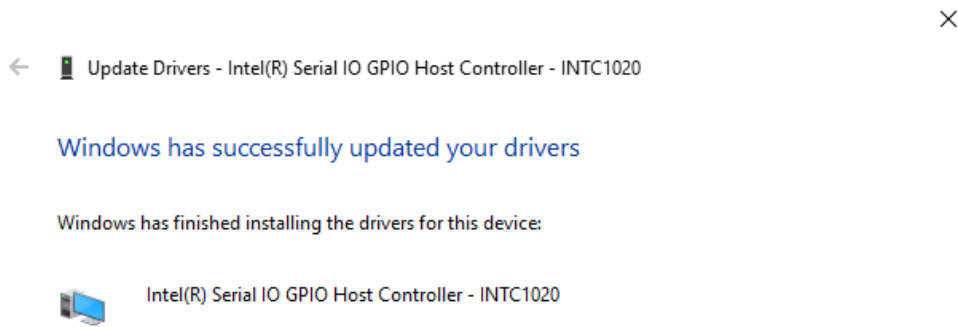6) Run '**Browse my computer for driver software**'.

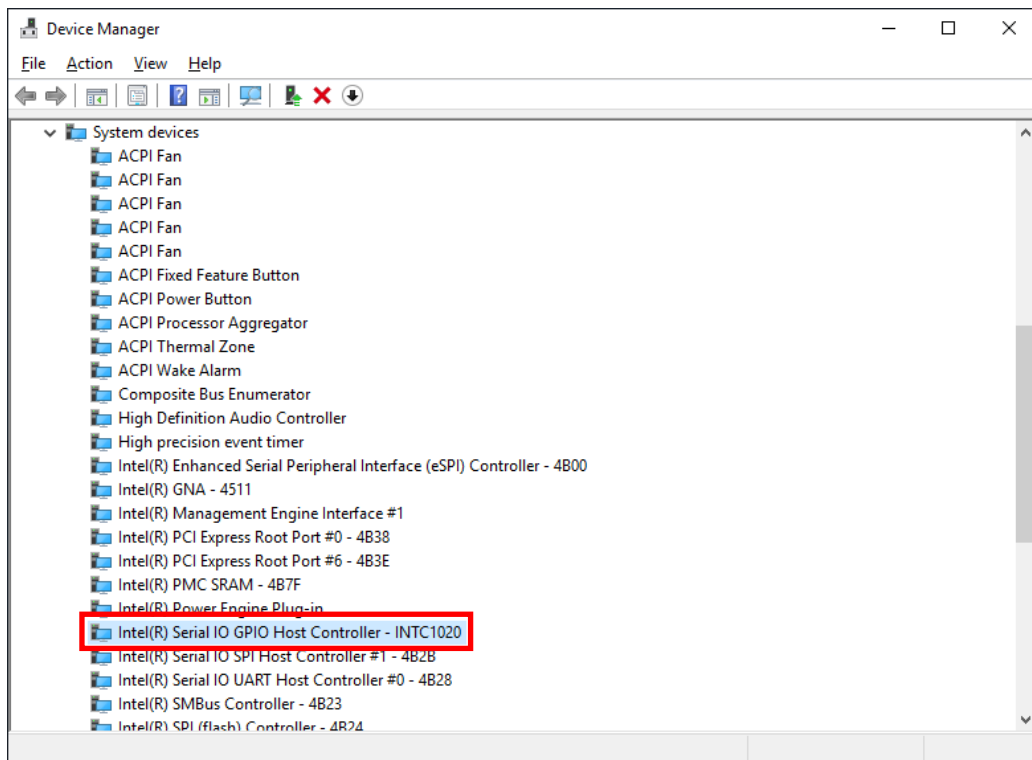7) Click 'Browse...' button and set the folder containing the driver.

8) Click 'Next' button to Update Drivers.

9) click '**Close**' button.

10) Installed '**Intel(R) Serial IO GPIO Host Controller**' in System devices of Device Manager.
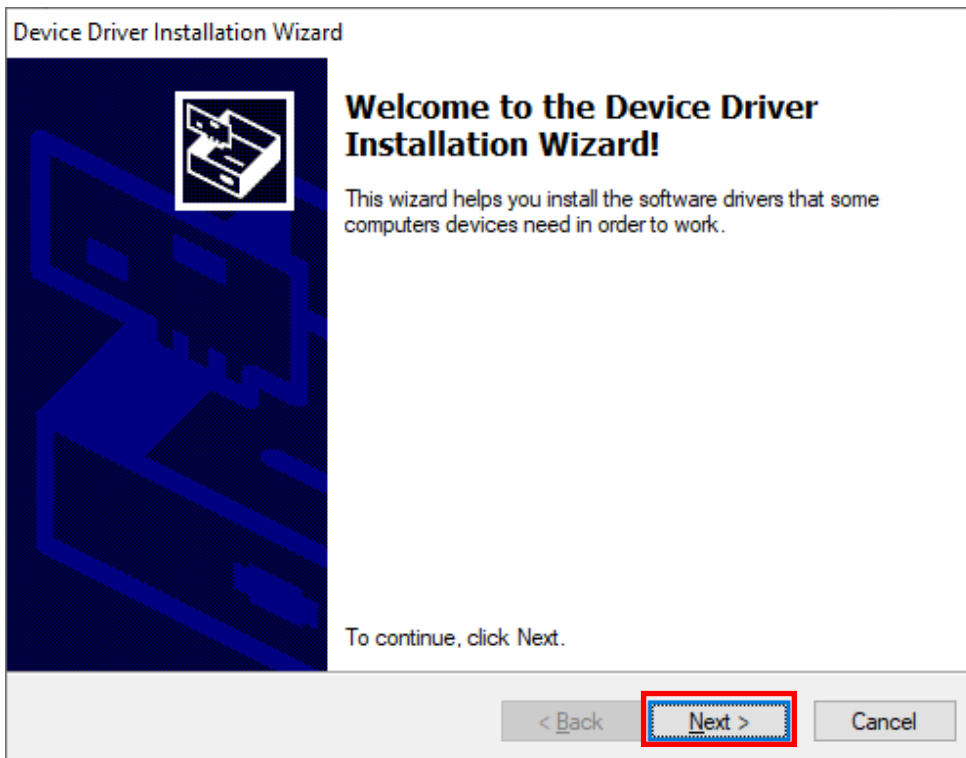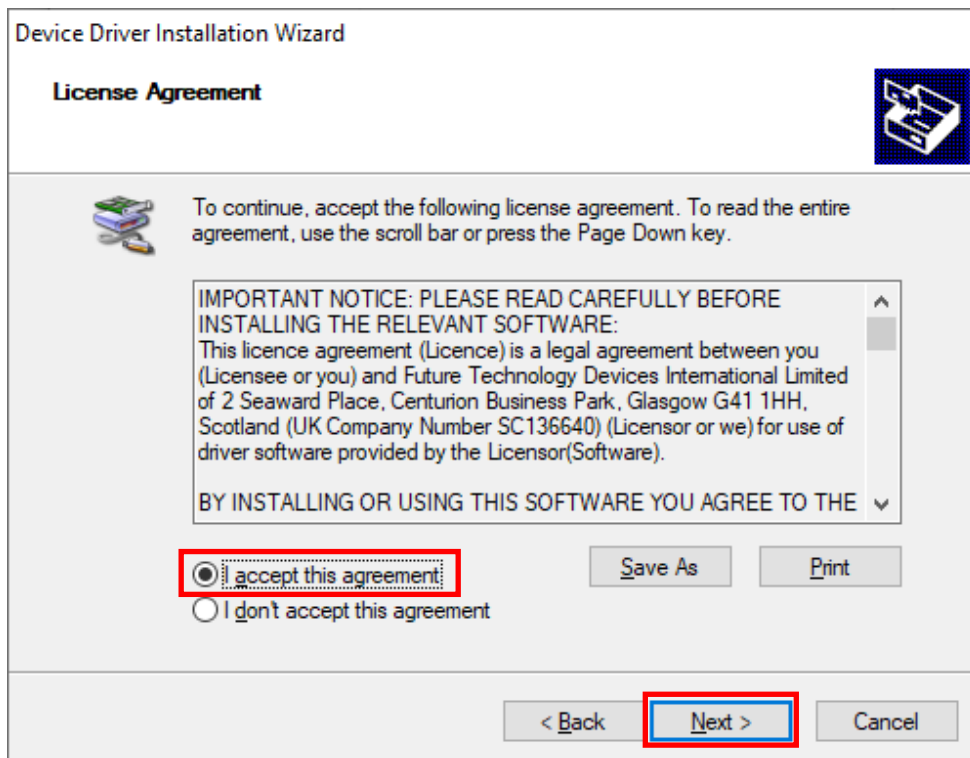
8. Installation of VCOM Driver

1) Run '**dpinst-amd64.exe**' file.
   - Supported OS : Win 10 (64bit), Win 11 (64bit)
   - Path : .₩Driver₩Options₩VCOM Driver₩
        (If .zip file exist, unzip the .zip file.)

2) Click '**Next**' button when setup program started.

3) Click '**Next**' button to accept the terms of the license agreement.

4) Click '**Finish**' button to complete the setup.