

Advantech AE Technical Share Document

Date	2025/09/25	Release Note	☐ Internal ☒ External
Category	☐ FAQ ☒ SOP	Related OS	Windows 11
Abstract	POC-6_15th_ARL_PCM-8732_Win11_Driver Installation Guide		
Keyword	Windows 11, Driver installation, INF installation		
Related Product	POC-6 15 th ARL with PCM-8732 MB		

■ **SOP Description:**

Describe how to install driver.

■ **Brief Solution - Step by Step:**

Driver installation

1. Intel Chipset (must to install)
 - 1) unzip driver file
 - 2) Go to \01. Intel Chipset\Apps
 - 3) launch **SetupChipset.exe**
 - 4) follow the instructions of the installation program to install driver
 - 5) After installation, reboot system.

2. Intel Graphics (must to install)
 - 1) unzip driver file
 - 2) Go to \02. Intel Graphics
 - 3) launch **Installer.exe**
 - 4) follow the instructions of the installation program to install driver
 - 5) After installation, reboot system

3. Intel ME (must to install)
 - 1) unzip driver file
 - 2) Go to \03. Intel ME
 - 3) launch **SetupME.exe**
 - 4) follow the instructions of the installation program to install driver
 - 5) After installation, reboot system

4. Intel RST (must to install)
 - 1) unzip driver file
 - 2) Go to \04. Intel RST\Installer\RST
 - 3) launch **SetupRST.exe**
 - 4) follow the instructions of the installation program to install driver
 - 5) After installation, reboot system.

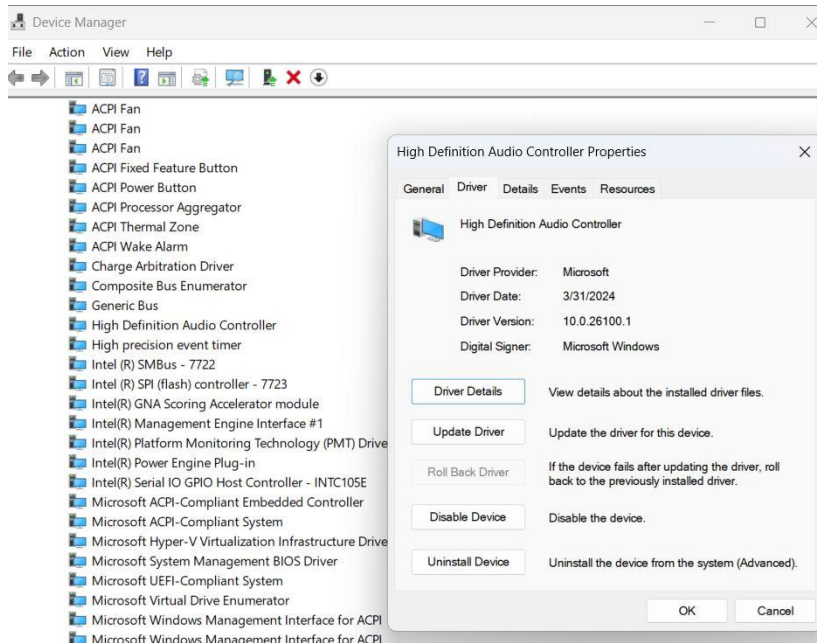
5. Intel Serial IO (must to install)
 - 1) unzip driver file
 - 2) Go to \05. Intel Serial IO\Drivers\x64
 - 3) Right click the INF file: **iaLPSS2_GPIO2_MTL.inf** and choose install.
 - 4) follow the instructions of the installation program to install driver

6. Intel PMT (must to install)
 - 1) unzip driver file
 - 2) Go to \06. Intel PMT\Driver\WhqlSigned\Release\product
 - 3) Right click the INF file: **intcpmt.inf** and choose install.
 - 4) follow the instructions of the installation program to install driver

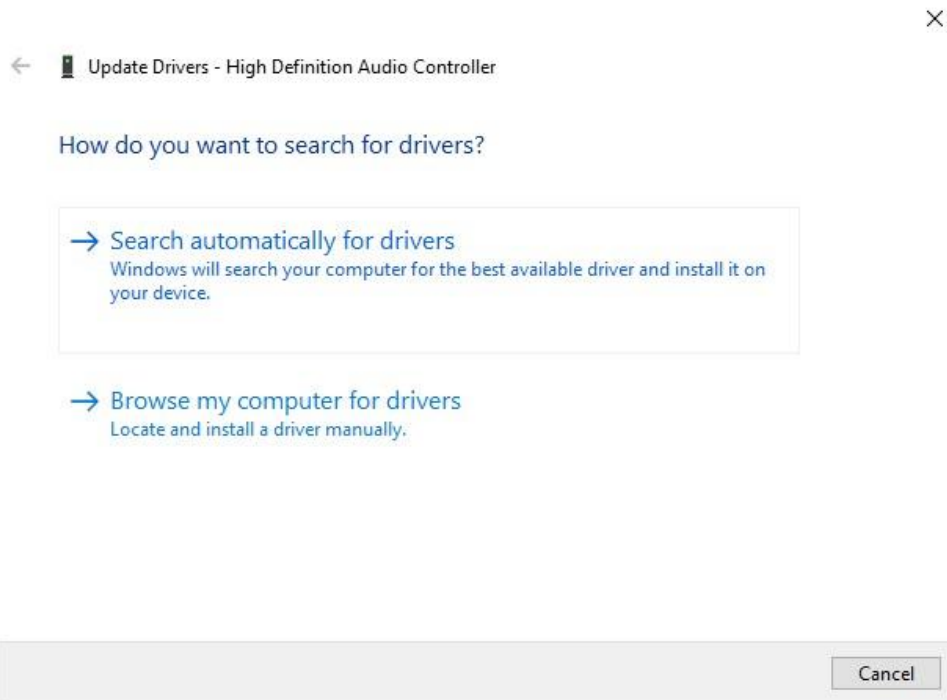
7. Intel GNA (must to install)
 - 1) unzip driver file
 - 2) Go to \07. Intel GNA
 - 3) Right click the INF file: **gna.inf** and choose install.
 - 4) follow the instructions of the installation program to install driver

8. Intel PPM (must to install)
 - 1) unzip driver file
 - 2) Go to \08. Intel PPM\Drivers
 - 3) Right click the INF file: **ipfppm_sw.inf** and choose install.
 - 4) follow the instructions of the installation program to install driver

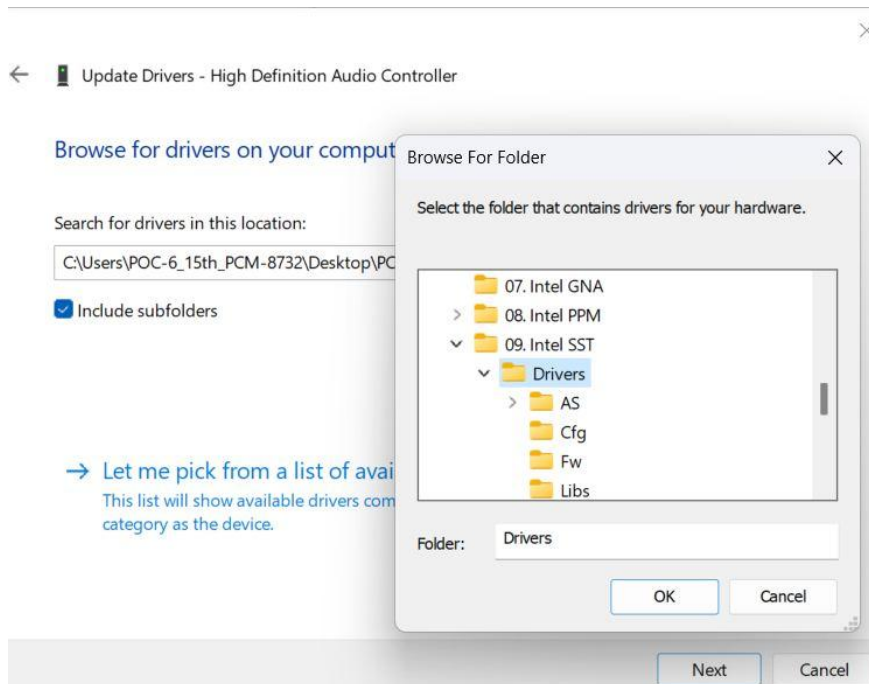
9. Intel SST (must to install)
 - 1) Go to Device Manager.
 - 2) Find the ISST device: System devices\High Definition Audio Controller. And double click it.



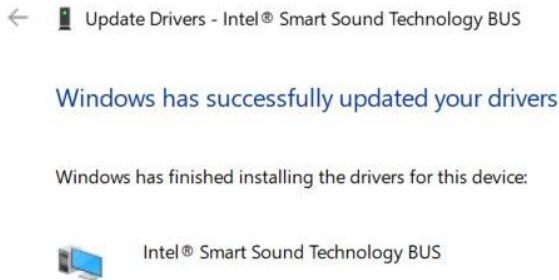
- 3) Choose "Update driver"
- 4) Choose "Browse my computer for drivers"



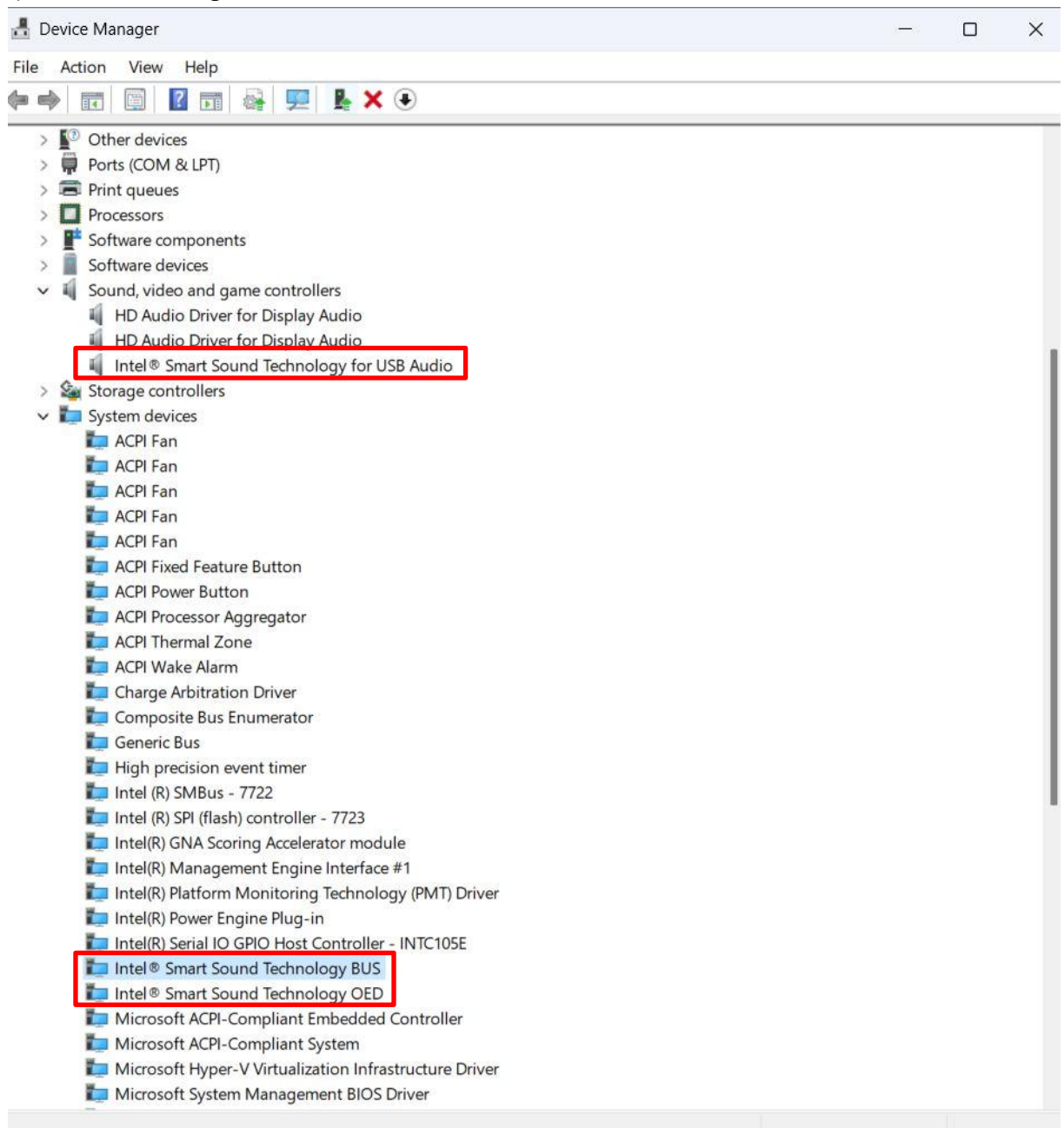
- 5) Locate the path: \09. Intel SST\Production\Drivers, and click OK.



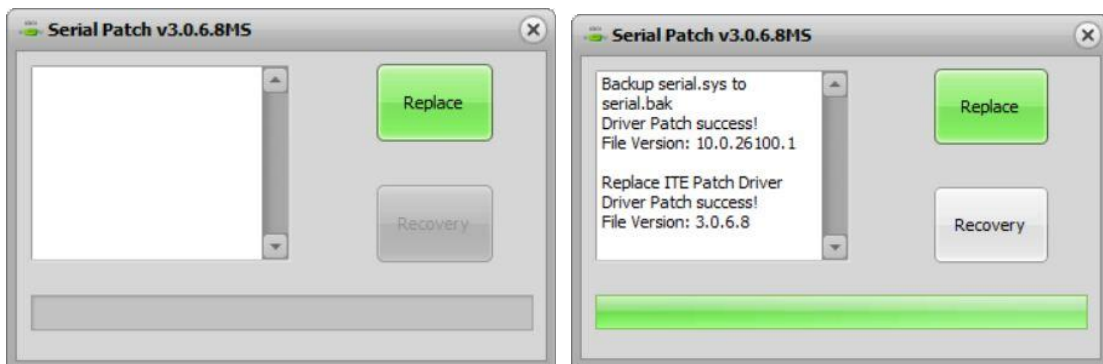
- 6) After choosing “Next”, driver will be installed automatically.



- 7) After installing, there have 3 devices in Dec



10. Realtek Audio (must to install)
 - 1) unzip driver file
 - 2) Go to \10. Realtek Audio\Driver_9765_UAD_2024_1129_13FE
 - 3) launch **setup.exe**
 - 4) follow the instructions of the installation program to install driver
 - 5) Restart system
 - 6) Go to \10. Realtek Audio\Software_RtkUWP_1.51.351.0_x64
 - 7) Launch batch file: **DISM_INSTALL_RtkUWP_V3.bat**
 - 8) After installation, reboot system.
11. Intel LAN (must to install)
 - 1) unzip driver file
 - 2) Go to \11. Intel LAN\Wired_driver_30.0.1_x64
 - 3) Right click the INF file: **SetupBD.exe**
 - 4) follow the instructions of the installation program to install driver
12. COM (must to install)
 - 1) unzip driver file
 - 2) Go to \12. COM
 - 3) launch **SerialPatch_v3.0.6.8MS.exe** in Administrator
 - 4) Click 'Replace'

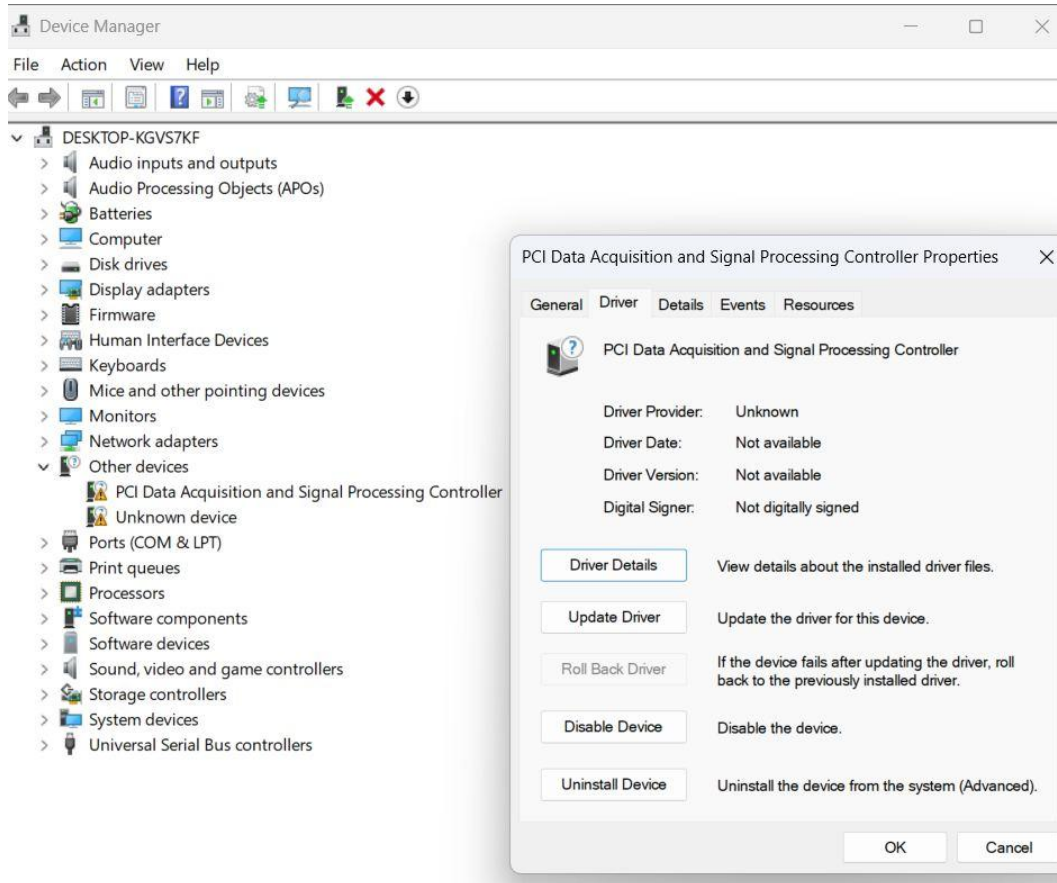


13. Intel HID (must to install)
 - 1) unzip driver file
 - 2) Go to \13. Intel HID\drivers\x64
 - 3) Right click the INF file: **HidEventFilter.inf** and choose install.
 - 4) follow the instructions of the installation program to install driver

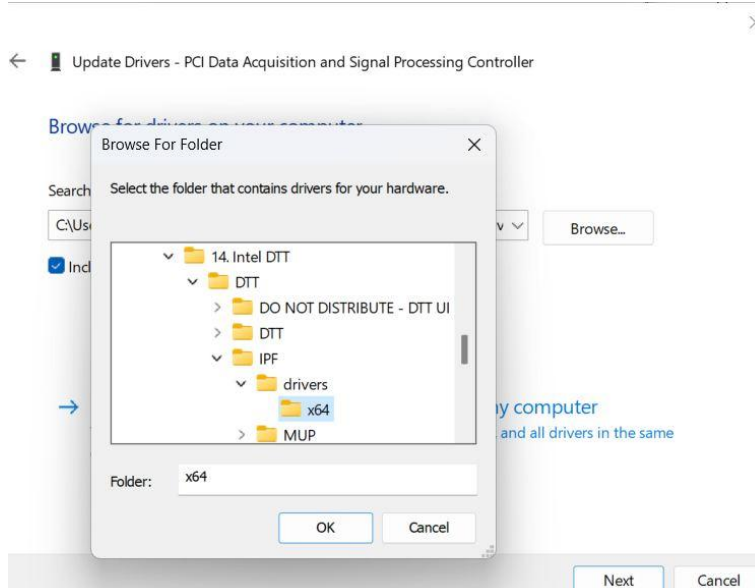
14. Intel DTT (must to install)

● IPF driver installation

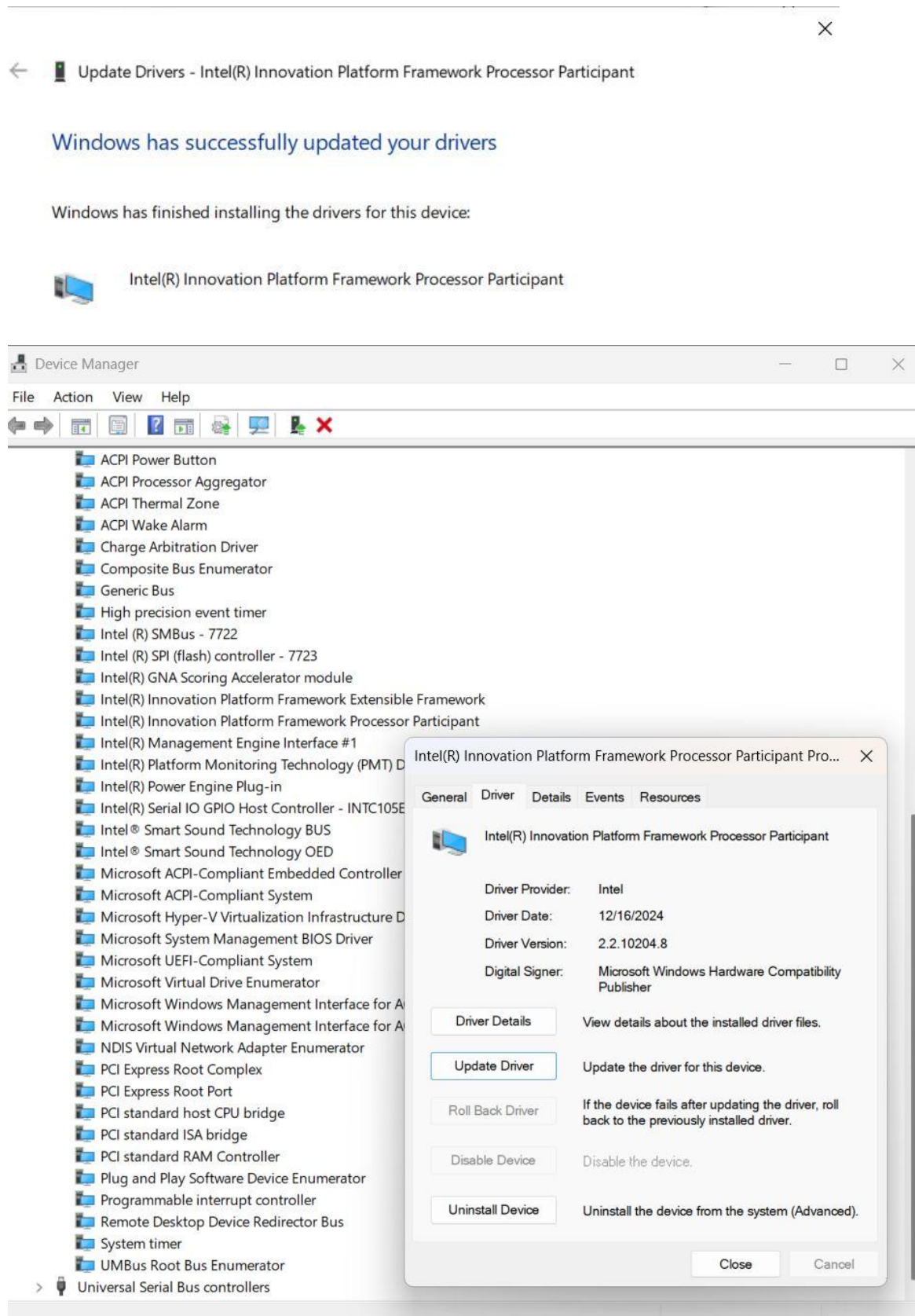
- 1) unzip driver file
- 2) Go to Device Manager
- 3) Find the yellow bang device: *PCI Data Acquisition and Signal Processing Controller*



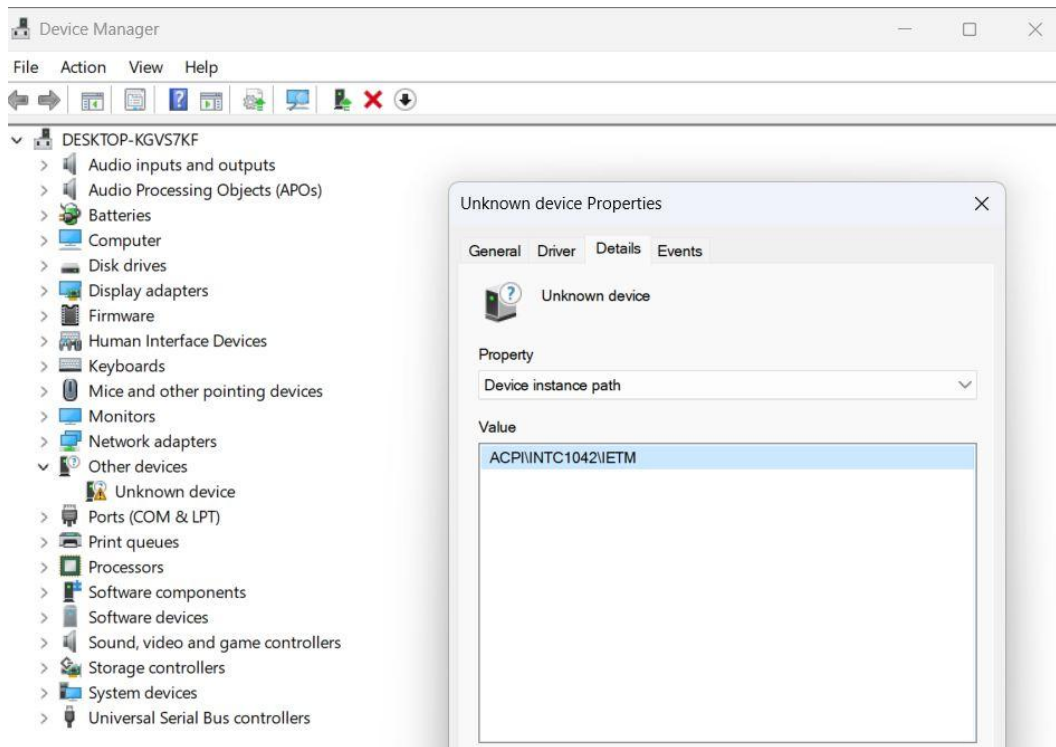
- 4) Choose 'Update Driver'.
- 5) Choose 'Browse my computer for drivers'
- 6) Locate the path: *14. Intel DTT\DTT\IPF\drivers**x64*, and click OK.



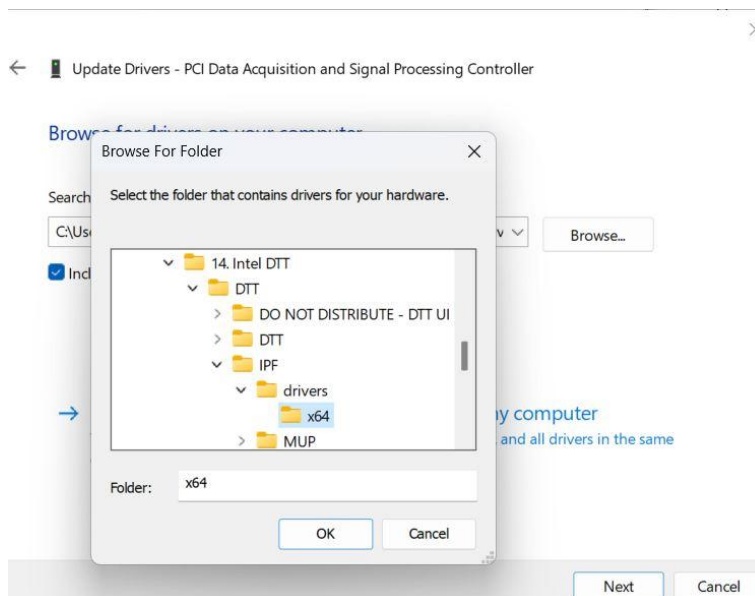
7) After choosing “Next”, driver will be installed automatically.



- 8) Find the yellow bang device: *Unknown device*
Device ID: ACPI\INTC1042\IETM



- 9) Choose 'Update Driver'.
 10) Choose 'Browse my computer for drivers'
 11) Locate the path: *14. Intel DTT\DTT\IPF\drivers*x64*, and click OK.*



12) After choosing “Next”, driver will be installed automatically.

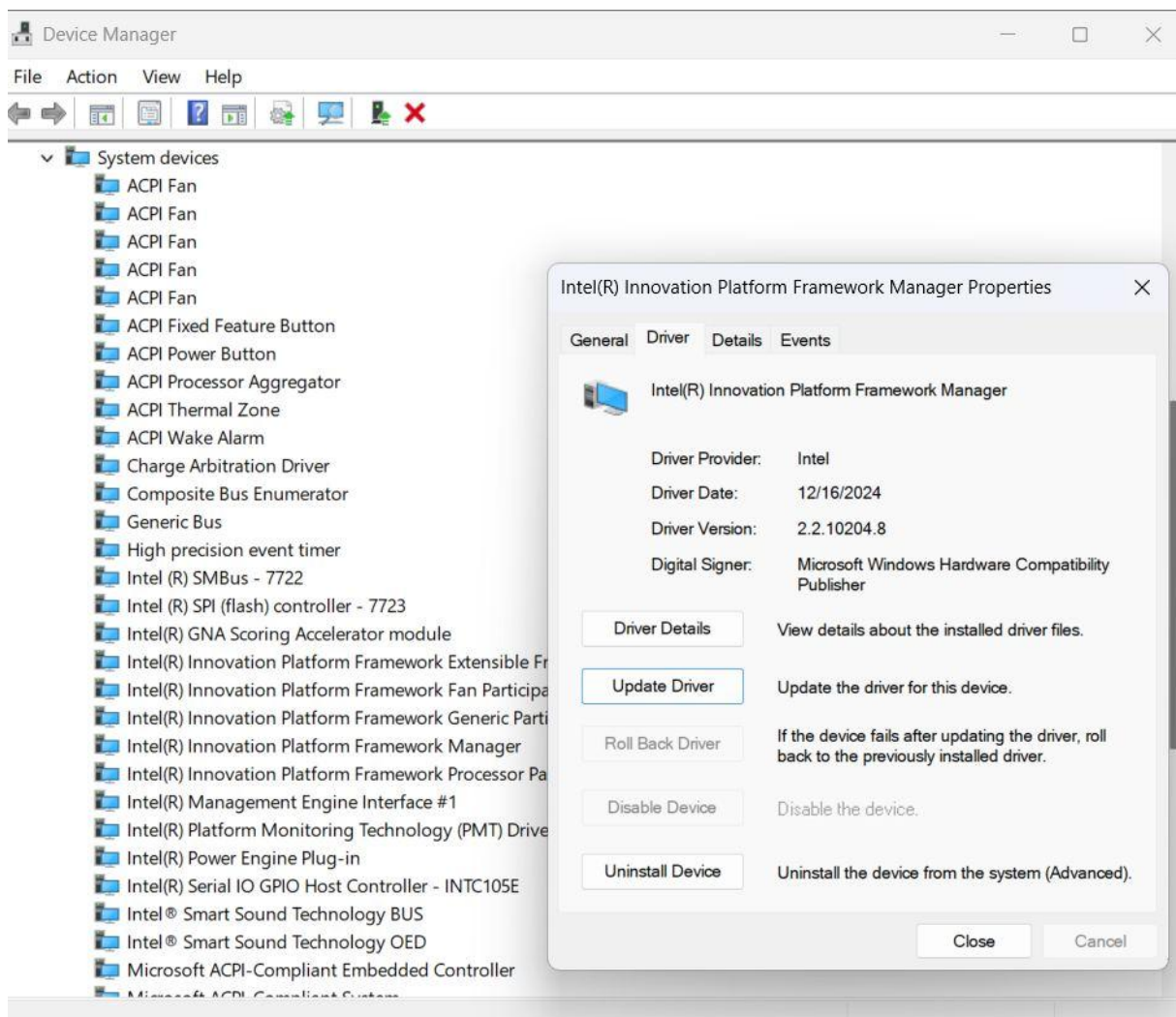


← Update Drivers - Intel(R) Innovation Platform Framework Manager

Windows has successfully updated your drivers

Windows has finished installing the drivers for this device:

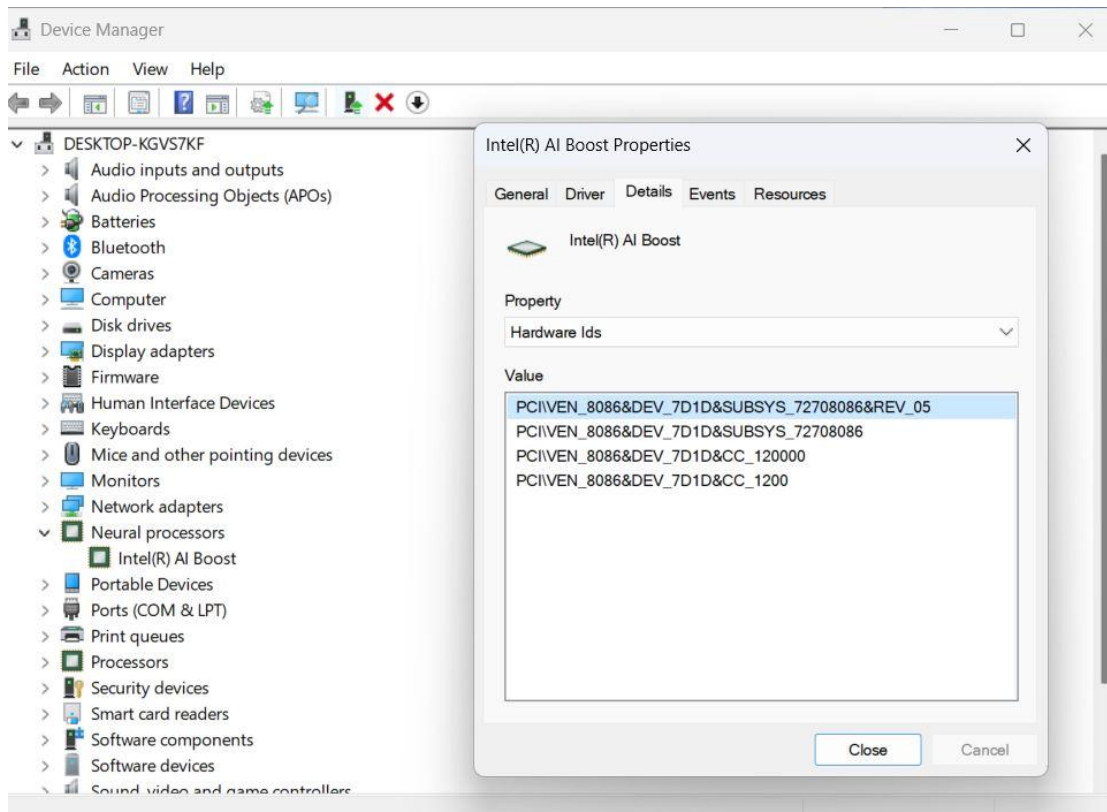
Intel(R) Innovation Platform Framework Manager



- DTT driver installation
 - 1) Go to \14. Intel DTT\DTT\DTT\drivers\x64
 - 2) Right click the INF file: **dti_ext.inf** and choose install.
 - 3) follow the instructions of the installation program to install driver.
(This step takes over 10 seconds before the success message appears.)
 - 4) Right click the INF file: **dti_sw.inf** and choose install.
 - 5) follow the instructions of the installation program to install driver.

15. Intel NPU driver

- 1) Go to \15. Intel NPU driver\drivers\x64
- 2) Right click the INF file: npu.inf and choose install.
- 3) follow the instructions of the installation program to install driver.



16. Wireless_Intel AX210 (optionally install)

- 1) unzip driver file
- 2) Go to \11. Wireless_Intel AX210
- 3) launch **WiFi-22.110.1-Driver64-Win10-Win11.exe** to install WiFi driver
- 4) follow the instructions of the installation program to install driver
- 5) launch **BT-22.110.2-32-64UWD-Win10-Win11** to install BT driver

17. RFID (optionally install)
 - 1) unzip driver file
 - 2) Go to \16. Option\RFID
 - 3) launch ***rfIDEASConfigurationUtility6.6.0.msi*** to install RFID application.
(It is an application, not driver; Windows inbox driver support RFID as default)

18. Smart Card (optionally install)
 - 1) unzip driver file
 - 2) Go to \16. Option\Smart Card\MicroData
 - 3) launch ***setup.exe*** to install RFID application.

Reference:

- N/A

■ Contact Window and File Link:

If you have any questions, please contact Jean Wang (JeanYC.Wang@advantech.com.tw)