

Release Details

- Driver: Intel NPU (Neural Processing Unit) Driver – Windows*
- Driver Version: 31.0.100.2016
- Date: 06th Feb, 2024

Notes

- Support for OpenVino 2023.2.
- Cross platform support: Meteor Lake, Discrete Keem Bay.
- Performance improvements.
- Limited initial support for DirectML (preview) on NPU.
- The name displayed for the NPU device in Microsoft Windows® Device Manager and Task Manager is aligned with the NPU brand name: Intel® AI Boost.

Fixed Issues

- Fixed Chinese character path.

Known Issues

- NPU will not support workloads on Windows* 10. Disable the NPU device from BIOS for Windows 10.

Supported Platform

- Meteor Lake (Intel® Core™ Ultra processors)
- Raptor Lake (Select Intel® Core™ Processors with Discrete Keem Bay)

Operating System Support

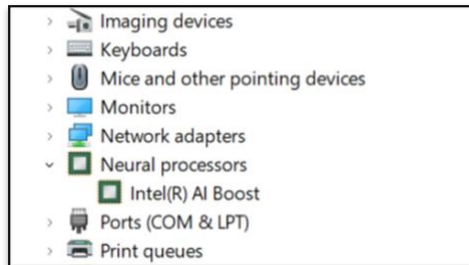
Operating System	Version	Details
Microsoft Windows® 11 64-bit	September Update (22H2)	
	October Update (22H2)	
	October Update (23H2)	

AI Frameworks Support

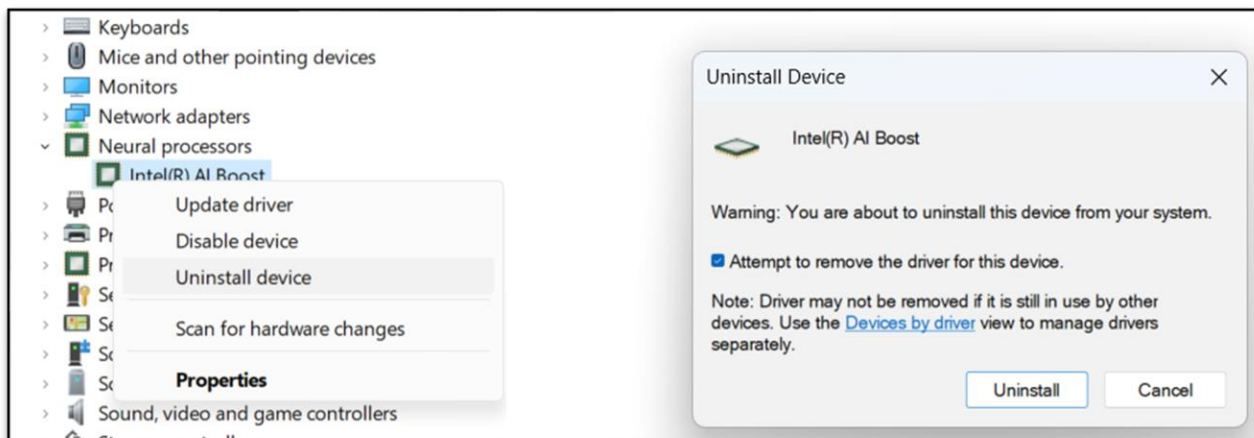
Framework	Version
OpenVino	OpenVino 2023.2
DirectML	Preview

How to Install / Update the NPU Driver

1. **Check if an NPU driver is already installed on your device.** Right click on Windows start button and select *Device Manager*. Check if *Intel(R) AI Boost* is visible under *Neural processors*.

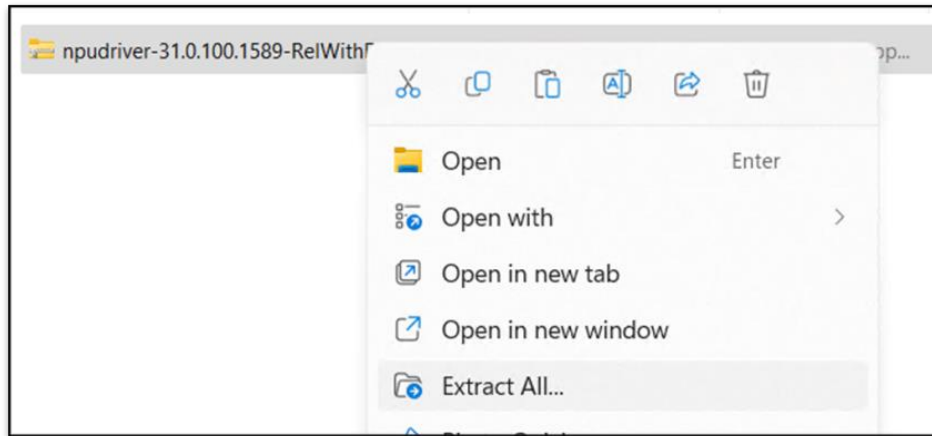


2. **If an NPU driver is installed, you need to uninstall it.** In Device Manager window, right click on the *Intel(R) AI Boost* and select *Uninstall Device*. When the *Uninstall Device* window appears, select the *Attempt to remove the driver for this device* checkbox and click on the *Uninstall* button.

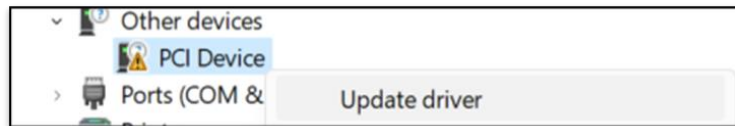


3. Once the device is uninstalled, it's time to **install the new driver version**.
Download latest NPU driver from Intel Download Center.
4. **Unpack the zip driver package downloaded from Intel Download Center.** To unpack the .zip driver file, right click the file and Extract All -> Extract.

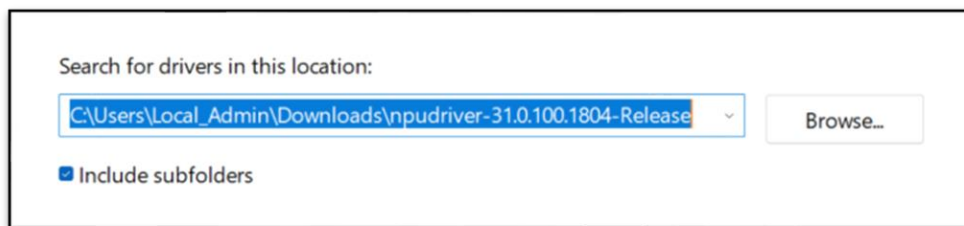
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5. **Install the new NPU driver.** After unpacking, go to *Device Manager* and find *PCI Device* under *Other devices*. Right click it and select *Update Driver*.

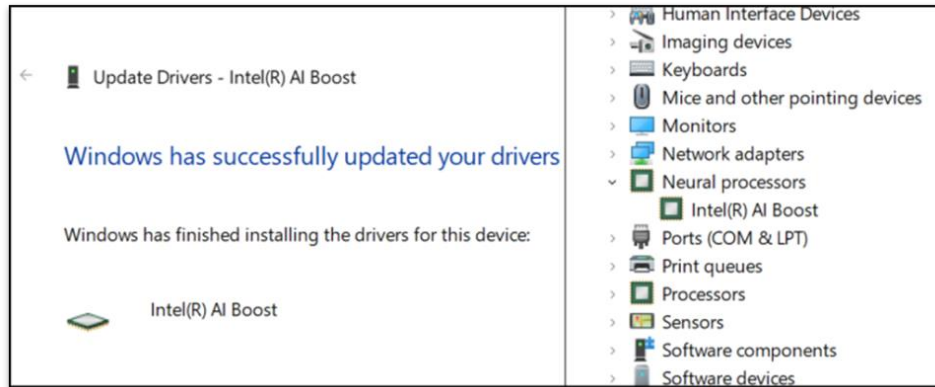


6. In the new Windows that appears, click *Browse my computer for drivers*. Click on *Browse* button and navigate to the location where the unpacked driver was saved.



7. After setting the correct location tick the **Include Subfolders** checkbox and click *Next*. The driver will now install.
8. If the driver installed correctly, you should see the following window saying, "*Windows has successfully updated your drivers*" and the Device Manager should display your *Intel(R) AI Boost* driver under *Neural processors*.

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Note: For issues with manual installation, please contact [Intel support](#).

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