



Release Details

- Driver: Intel NPU (Neural Processing Unit) Driver – Windows*
- Driver Version: 32.0.100.4023
- Date: May 8th, 2025

Notes

- Public Models (Enabled and Optimized):
 - Enabled important features for Video AI remove and speech enhance
 - ASR model enabled
 - Image augmentation model enabled
 - StyleGAN2-Ada(*)-Pytorch model enabled
 - Fixed compilation issues on BiSeNetv2(*) model on LNL NPU
 - Image retouch features enabled
 - Optimized Model to meet the KPI requirements on LNL NPU
 - AI VFI(*) model optimized on LNL NPU

(*) Model names:

- StyleGAN2-Ada
- BiSeNetv2
- AI VFI

Fixed Issues

- None

Known Issues

- None

Operating System Support

Operating System	Version	Details
Microsoft Windows® 11 64-bit	September Update (22H2)	
	October Update (22H2)	
	October Update (23H2)	
	2024 Update (24H2)	
Microsoft Windows® 10 64-bit	2024 Update (22H2)	Supports basic driver functionality, such as power management, not for running NPU workloads

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



Supported Platform

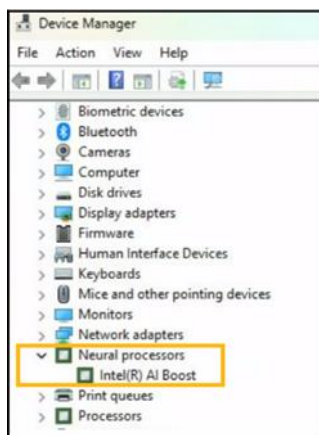
- Lunar Lake: [Intel® Core™ Ultra Processors \(Series 2\)](#)
- Meteor Lake: [Intel® Core™ Ultra Processors \(Series 1\)](#)
- Arrow Lake: [Intel® Core™ Ultra Processors \(Series 2\)](#)

AI Frameworks Support

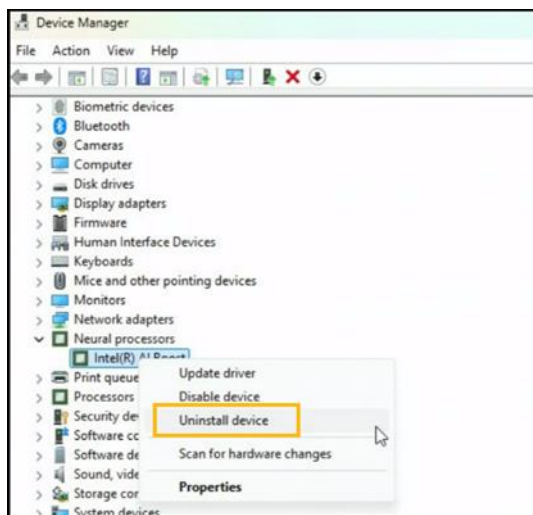
Framework	Version
OpenVINO	OpenVINO 2025.1
DirectML	Preview

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*.

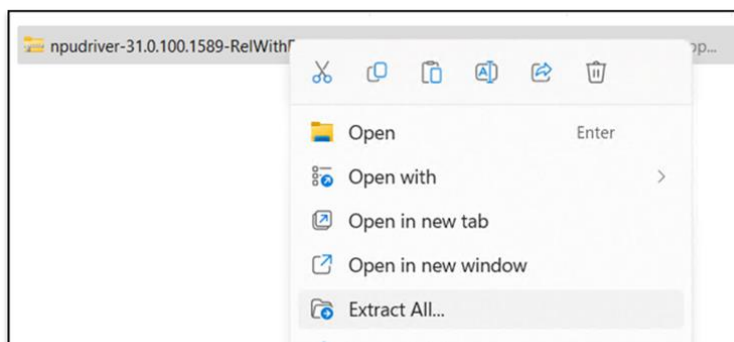



2. **If an NPU driver is installed, you need to uninstall it.**
 - a. In *Device Manager* window, right click on the *Intel(R) AI Boost* and select *Uninstall Device*.
 - b. When the *Uninstall Device* window appears, select the *Attempt to remove the driver for this device* checkbox and click on the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

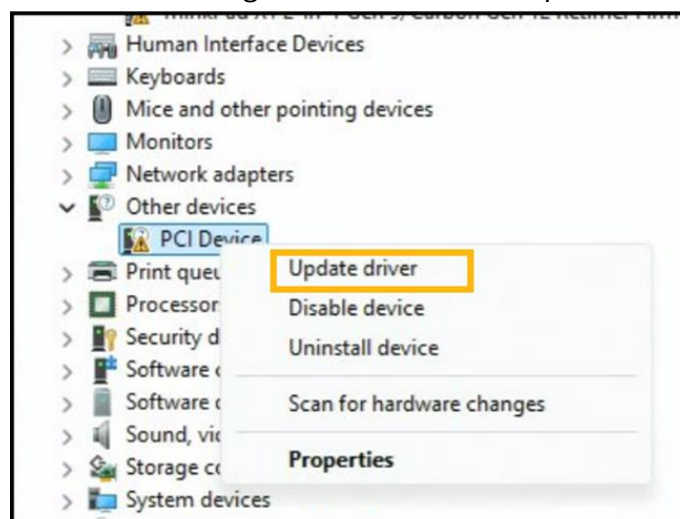


3. Once the device is uninstalled, it's time to **install the new driver version**. Download the latest NPU driver from Intel Download Center.

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.

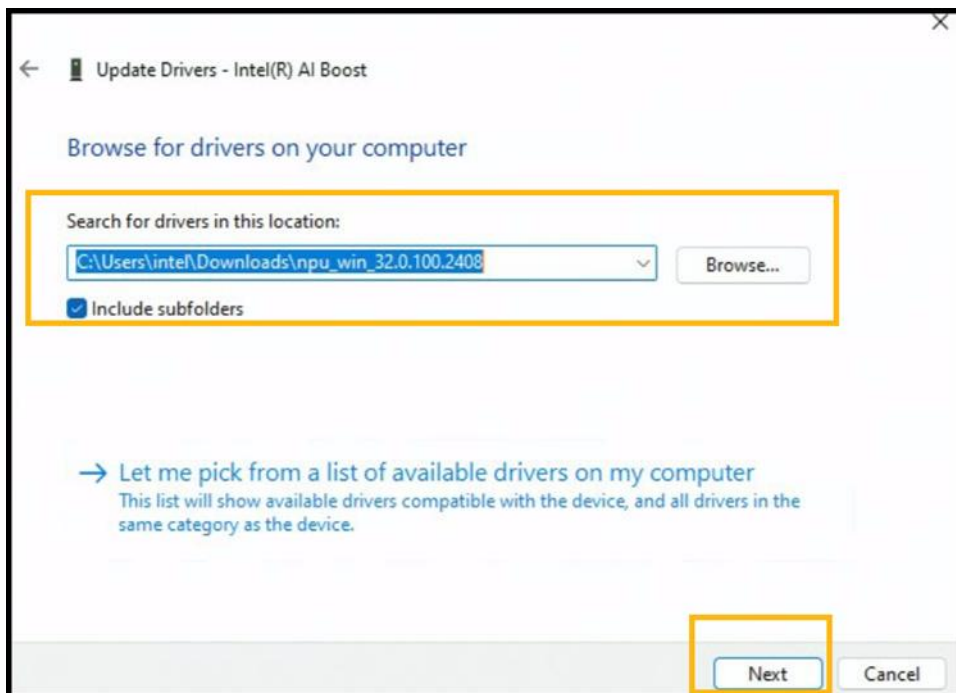


5. **Go to Device Manager** and Scan for Hardware Changes, by clicking on  icon located at the top menu. This will reveal *Other devices*.
6. **Install the new NPU driver.** After unpacking, go to *Device Manager* and find *PCI Device* under *Other devices*. Right click it and select *Update Driver*.

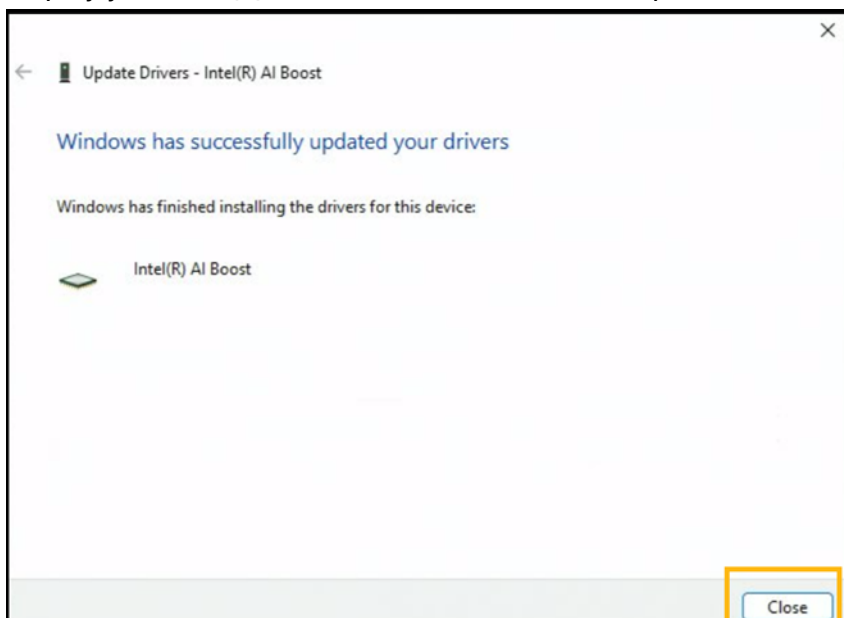


7. In the new Windows that appears, click *Browse my computer for drivers*. Click on *Browse* button and navigate to the location where the unpacked driver was saved.

8. After setting the correct location tick the **Include Subfolders** checkbox and click Next. The driver will now install.



9. 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*.



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



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NPU	Neural Processing Unit
LNL	Lunar Lake
ASR	Automatic Speech recognition
