Release Notes

Intel® Platform Performance Package Installer

Version Number: v26.03.101.171

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1 Introduction

Intel® Platform Performance Package is a one stop installer for all software components involved in optimizing processor performance. It replaces the need to install each component separately.

Important Disclaimers:
For optimal system performance and compatibility, obtain drivers through Windows Update or your system manufacturer's official support/service channels. Generic Intel drivers may not include OEM-specific customizations, optimizations, or features present in manufacturer-provided driver packages.

This package will attempt to install software on top of existing components. By default, Windows will use the latest driver version installed in the system. To avoid confusion, it is best to install on a clean system without any of the components installed previously.

Rebooting the system is necessary after installation or uninstallation of this installer.

2 Detailed Description

Processor performance is sensitive to the operating environment. To dynamically adjust to many possible operating conditions, Intel client platform has a suite of software to monitor and adapt processor policies to get the most performance given various operational constraints.
Without the ability to do in-depth analysis of the operational needs for the target system, we recommend installing all the performance dependencies so that the supported performance optimizations are functional when needed.

Intel Platform Performance Package consists of the following components:

- Intel® Innovation Platform Framework (Intel® IPF)
    - Intel® IPF Providers for GPU Telemetry and controls
    - Intel® System Data IPF Extension Provider Package
    - Intel® IPF Providers for Device Management
- Intel® Dynamic Tuning Technology (Intel® DTT)
- Intel® PPM Provisioning Package Driver
- Intel® Application Optimization Software and User Interface Application

For more information for Intel Application Optimizer and its user interface, visit, Intel® Application Optimization Overview

Note: See component specific release notes under documentation section for additional information about each component including the component level processor/platform support.

3 Release details and installation details are as follows:

3.1 Non-Intel Component included in this release

Name	Version	Description
VCREDIST (from Microsoft)	14.50.35719	VCREDIST is a library from Microsoft®, stands for Visual C++ Redistributable installs Microsoft C and C++ runtime libraries. It is a common dependency installed as part of this package

3.2 Intel Component(s) included in this release

Name	Version	Description
Intel(R) Innovation Platform Framework (Intel(R) IPF)	2.3.20303.5058	Intel(R) Innovation Platform Framework Core Driver
Intel® IPF Providers for Graphics Telemetry and Control	16.1.0.257	Intel® IPF Providers for Graphics Telemetry and Control provide ISV application access to Graphics Telemetry data and ability to configure graphics settings.
Intel® IPF Providers for Device Management	21.0.0005.0	Intel® IPF Providers for Device Management is a platform software package that allows applications to access platform data, configure platform properties and perform tasks within the manageability, security and telemetry domains.
Intel® System Data IPF Extension Provider	03.04.1005	The Intel® System Data IPF Extension Provider Package delivers a comprehensive suite of IPF Extension Providers for system data collection, monitoring, and diagnostics on Intel platforms.
Intel® Dynamic Tuning Technology	9.1.10008.1694	Intel® Dynamic Tuning Technology (Intel® DTT) is a platform software that delivers longer battery life and better performance simultaneously with cooler and quieter systems.
Intel® Application Optimization	9.1.10008.1694	Intel® APO KPE Driver is a driver which dynamically optimizes games performance on Intel SoC.
Intel® Application Optimization User Interface	9.1.10008.1694	Intel® Application Optimization User Interface Applications allow users to enable or disable games for APO optimization.
Intel® PPM Provisioning Package Driver	1.0.0.222	Applies Intel recommended power and performance configuration for the target SoC to the Operating System.

3.3 Supported Platforms:

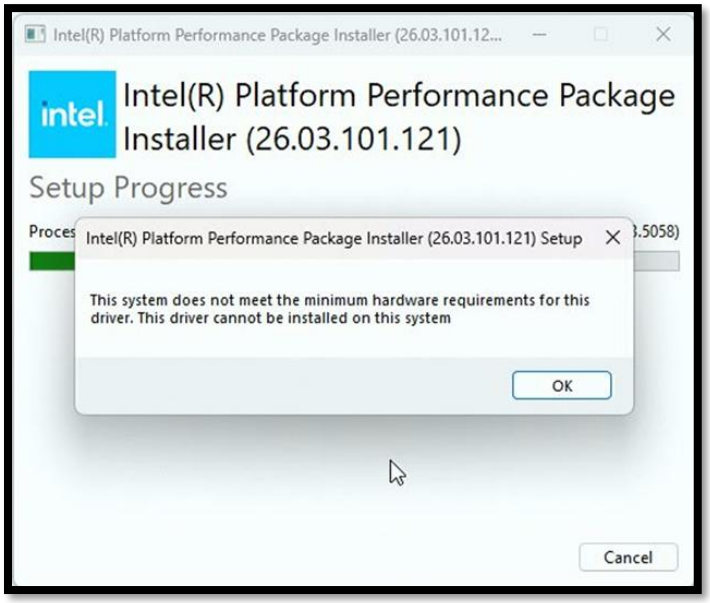
- Intel® Core™ Ultra 200S Plus Series Processors - Products formerly Arrow Lake
- Intel® Core™ Ultra 200HX Plus Series Processors - Products formerly Arrow Lake
- Intel® Core™ Ultra (Series 3) Processors - Products formerly Panther Lake

3.4 Supported Operating Systems:

- Windows 11 25H2

3.5 Known issues(s)

- Functional Limitations
    - If the component installers fail, the IPPP UI does not open the log link directly from the UI. The user needs to open the %TEMP% folder to view the logs with name starting with the word "*IntelPlatformPerformancePackage*"
    - The icon on task bar during installation of the IPPP installers shows a generic image. This is a limitation of the Wix open-source package.
- Cosmetic issue for user experience:
    - Sometimes based on the display scaling, the Installer UI may not show the full version of the components being installed on the installer UI during installation.
- Old BIOS limitation:
    - Older BIOS has key component disabled by default and this blocks PPP installation and gives following error (shown in screenshot below).
    - Users need to update to the latest BIOS to resolve this issue.



4 User Guide

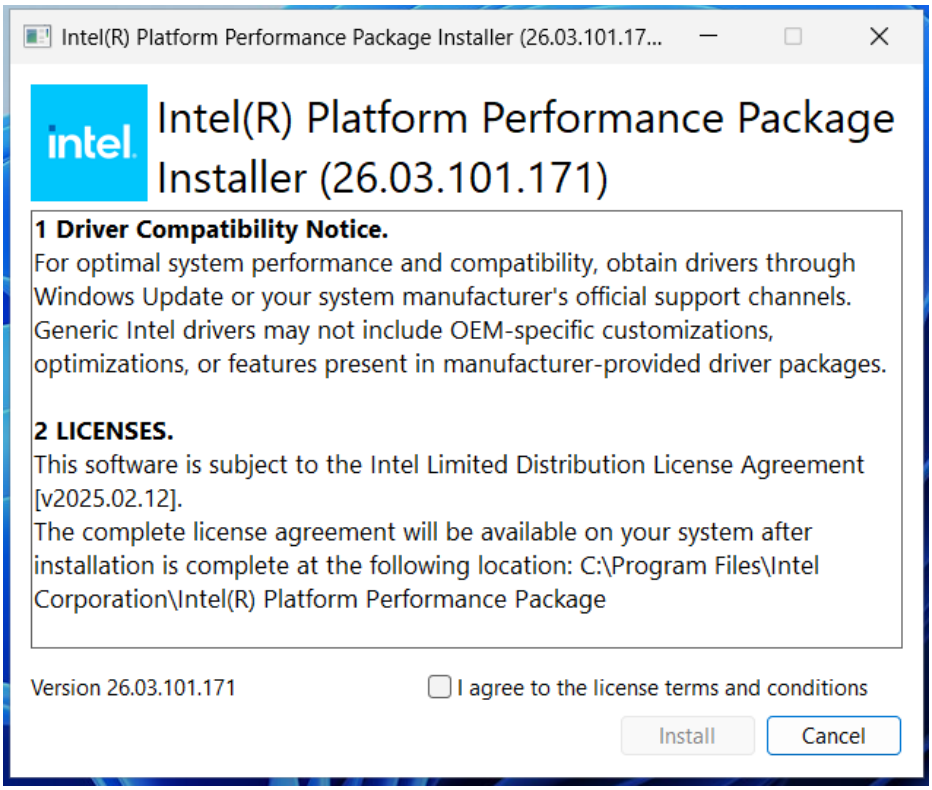
Reboot is necessary post installation or uninstallation of the IPPP installer.

4.1 Using Installer UI

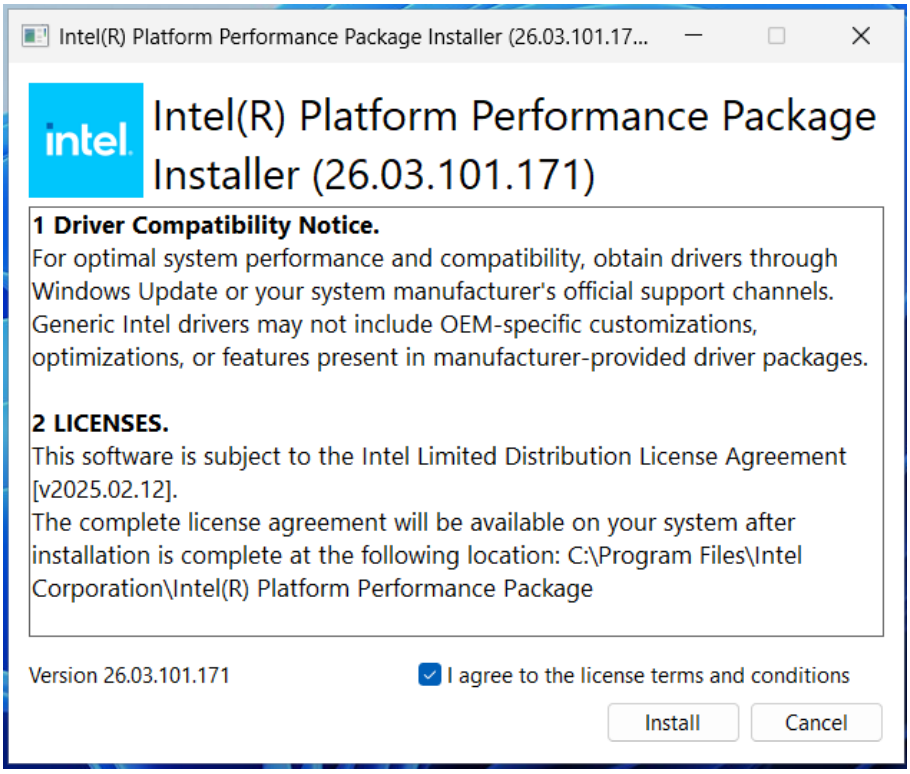
4.1.1 How to Install the IPPP Installer?

After you download the IPPP Installer binary, run it with Administrator privilege.

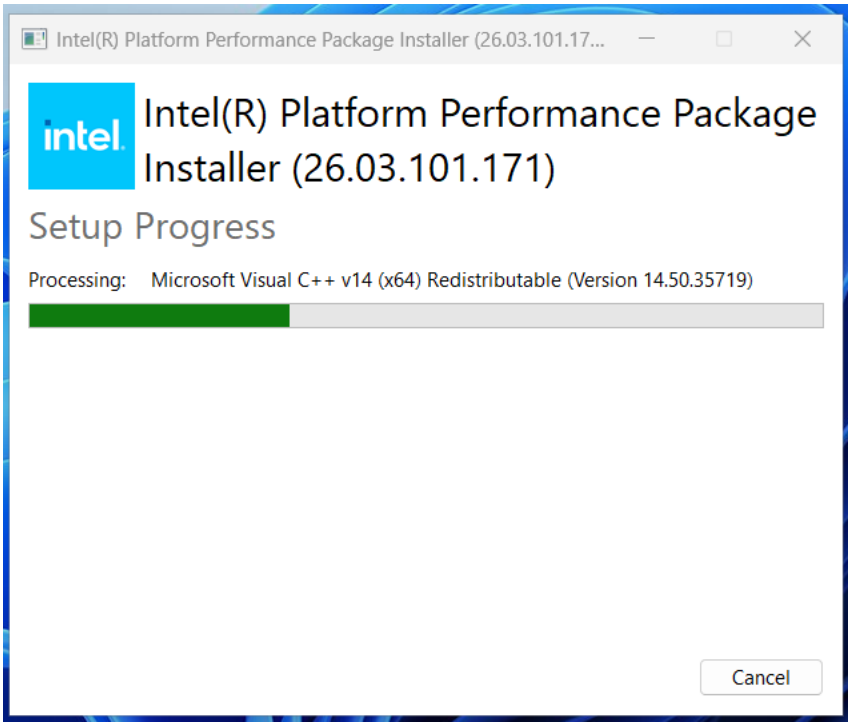
On executing the executable, the following EULA screen is visible

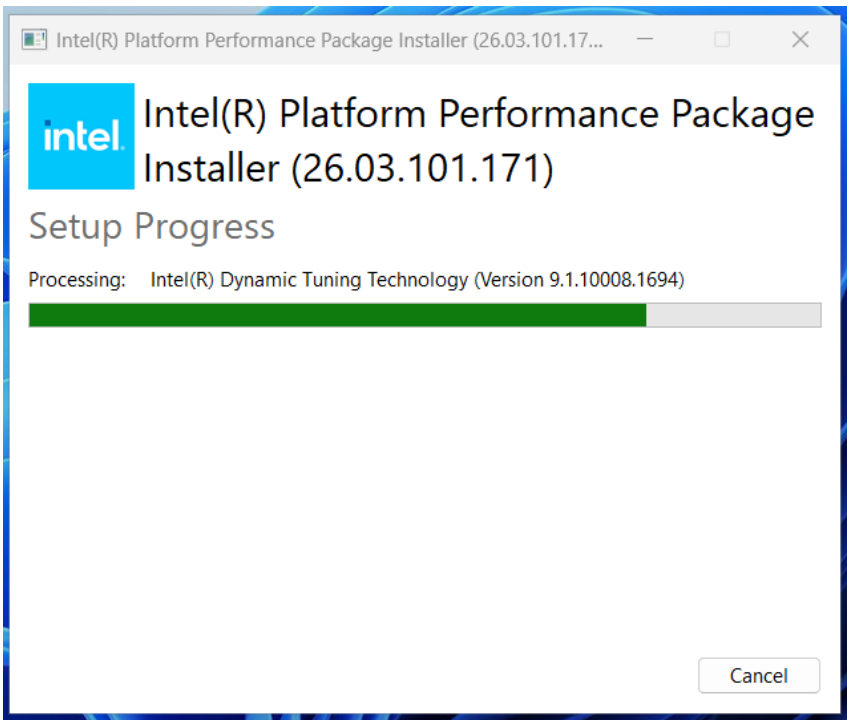


Please agree to the license terms and conditions by selecting the checkbox. Once the checkbox is checked, then the **Install** button will be enabled.

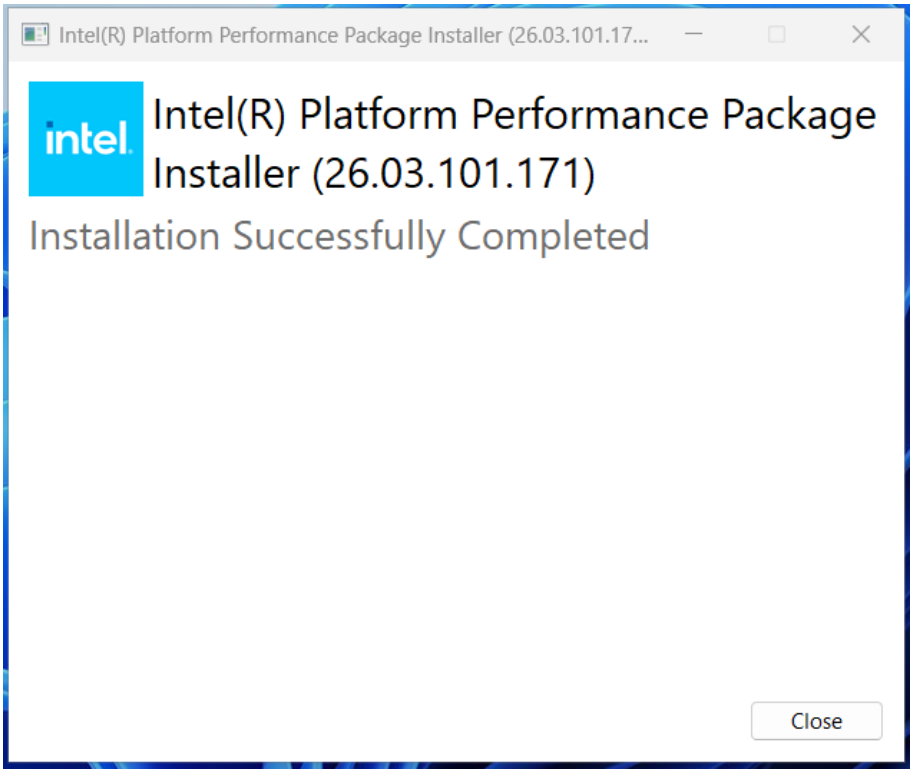


Click the **Install** button for Installation to begin:

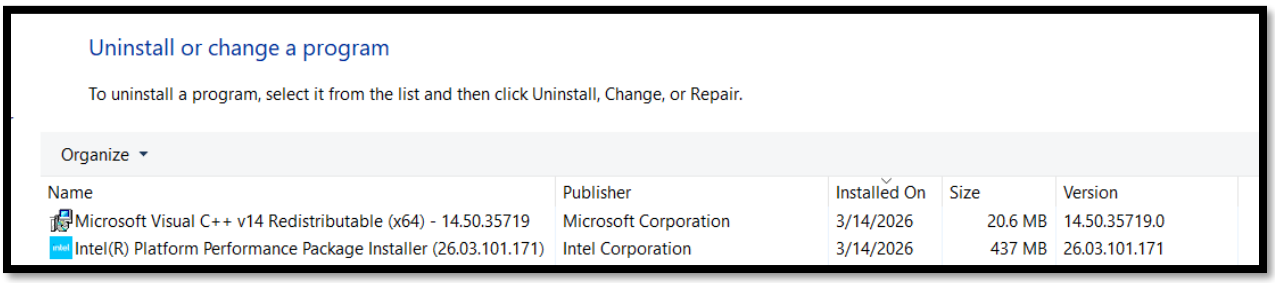




Once installation process is complete, you will see the following screen and then you may close the Window by choosing the Close button.



You will see the following entries in the Add/Remove program (another way to verify that it installed successfully).



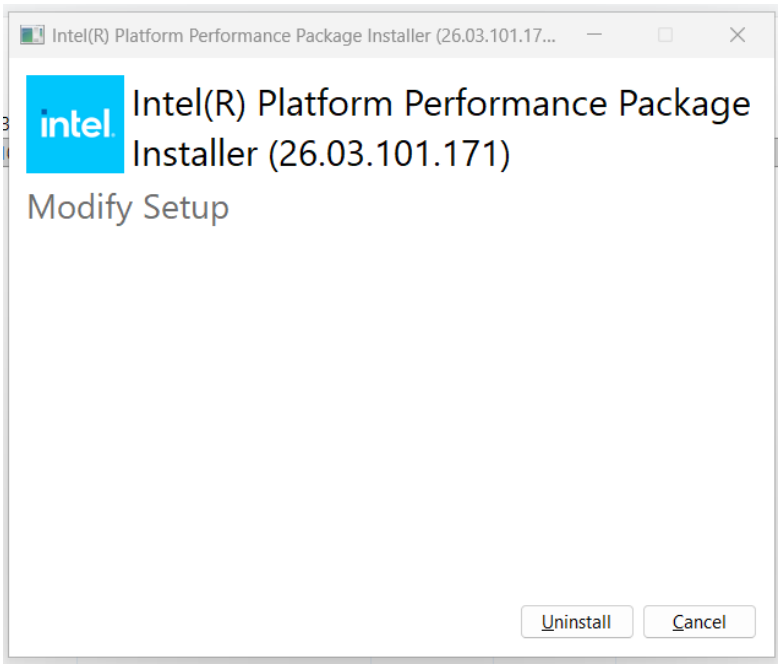
Note: The installer installs the vcredist executable if not already installed on the system

Once installation is complete, please reboot the system such that latest drivers are enabled on the system.

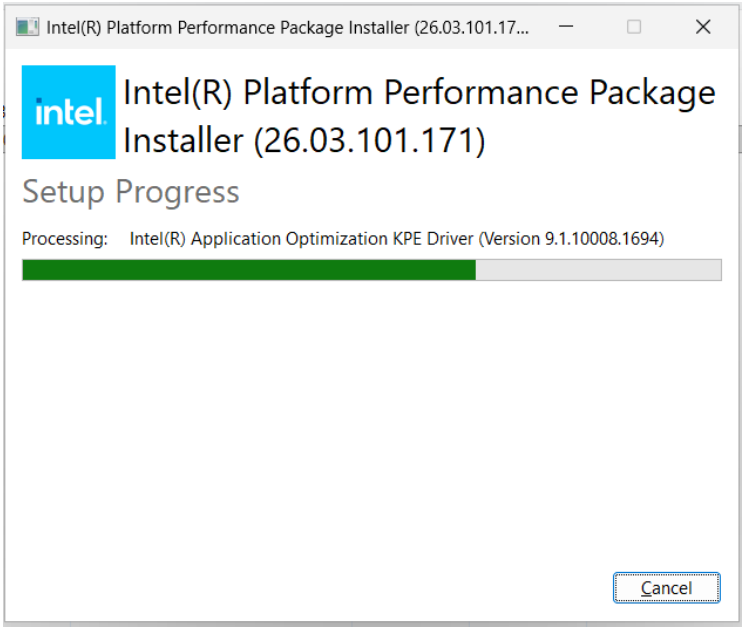
4.1.2 How to uninstall the IPPP Installer?

Go to the Add/Remove programs from the Control Panel and click on the Intel® Platform Performance Package Installer.

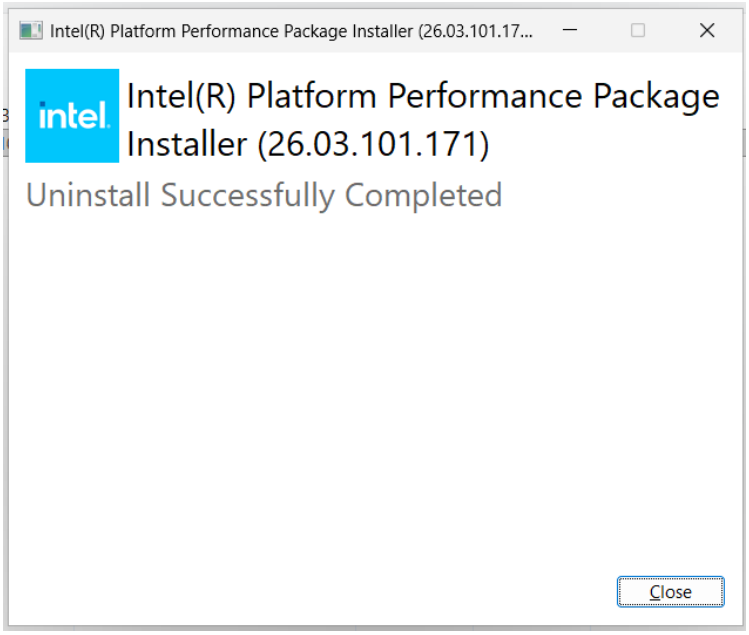
You will see an option to uninstall on the installer screen. Click on **Uninstall** button.



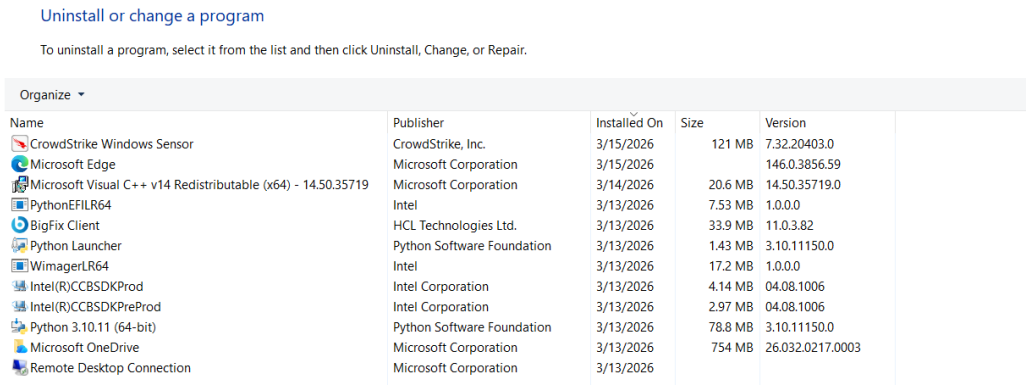
Once you click on **Uninstall** button, uninstallation will start



Once uninstallation process is completed, it will show the following window



Post successful uninstallation, the Intel® Platform Performance Package entry will be removed from the Add/Remove Programs.



***Note**: IPF and IPF Providers, PPM won't be uninstalled as these are important for optimal system performance*.

Once un-installation is complete, please reboot the system such that drivers are cleaned up on the system.

4.2 Using CLI (command line option)

4.2.1 Using /quiet option

This option is provided if OEMs wants to utilize silent and unattended installation method to install it on multiple systems via a script.

Using the /quite option means the following:

- No Installer UI would be visible. (any terminal popups may be visible as required during installation process)
- User will not be asked to accept EULA agreement.

The step-by-step procedure is mentioned below.

1. Download the IPPP installer in the desired folder
2. In that folder, open the PowerShell CMD window
3. Execute following PowerShell command

    a.
```
$process = Start-Process -FilePath
"PlatformPerformancePackageInstaller.exe" -
ArgumentList "/quiet /norestart /log ippp_install.log"
-Wait -PassThru
```

4. Check the status of installation:

    a. `Write-Host "Exit Code: $($process.ExitCode)"`

        i. 3017 => means the target system must be rebooted for drivers to get installed.

        ii. 0 => means successful