



# Intel® Innovation Platform Framework (IPF) 2.0

*IPF - 2.2.10000.20*

*Win10/Win 11 24H2 20H2,20H1*

*RPL-HX*

[Release Notes](#)

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*July 2024*



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## Revision History

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Package Definition	Intel® Innovation Platform Framework Software Package Revision	Release Date
RPL-HX	2.2.10000.20	July, 2024

## Intended Audience

The target audiences for the release notes are OEM/ODM platform thermal and hardware engineers, BIOS and system software engineers, component ingredient (Wi-Fi PSM, WWAN, NVMe Storage, Camera) procurement and design engineers.

## Where to Find the Release

This release can be found on the Validation Internet Portal (VIP):  
<https://rdc.intel.com> .

## Customer Support

For OEM/ODM technical support, contact your assigned Intel enabling engineers.

# 1 Introduction

Intel® IPF 2.2.10000.20 Win10/Win11 22H2, 20H2, 20H1 Release Notes  
July 2024

## 1.1 Supported Operating Systems

This package supports following Operating Systems.

- Microsoft Windows\* 11/10 x64 Edition 24H2,22H2,20H2, 20H1

**Note:** This is the information for validated platforms at ingredient level. For a complete list of supported hardware and operating systems, please refer to platform BKC or contact your Intel representative.

## 1.2 Supported Hardware

- RPL-HX

**Note:** This version of Intel® IPF only supports Intel Mobile Platforms. This is the information for validated platforms. For a complete list of supported hardware and operating systems, please contact your Intel representative.

## 1.3 Supported BIOS

Please refer to the BKC to get the latest version.

## 1.4 Supported KSC

Please refer to the BKC to get the latest version.

## 1.5 Supported Intel® Graphics Driver

Please refer to the BKC to get the latest version.

## 1.6 Supported Collaterals

Please refer to the below mentioned supporting documents for the latest update on IPF.

- Intel® Innovation Platform Framework (IPF) Configuration Guide #638930
- Intel® Innovation Platform Framework Namespace User Guide #732035
- Intel® Innovation Platform Framework 1.x BIOS Specification #640237
- Intel® Innovation Platform Framework (Intel® IPF) Client Development #685592
- Intel® Innovation Platform Framework (Intel® IPF) Provider Development Guide #685487

## 2 *Installation and Configuration Guide*

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### 2.1 Intel® IPF 2.x Software Stack Installation Guide

#### 2.1.1 BIOS Setup Guide

Please make sure IPF is enabled in your BIOS setup menu.

- 1) Reboot the system and enter BIOS setup screen.
- 2) Go to "Intel Advanced Menu".
- 3) Enter "Power & Performance", then "CPU – Power Management Control" page.
  - a. Make sure "Intel(R) SpeedStep(tm)" is enabled.
  - b. Make sure "Turbo Mode" is enabled.
- 4) Enter "Thermal Configuration ", then "Intel(R) Innovation Platform Framework (IPF) Configuration" page.
  - a. Ensure "Intel® Innovation Platform Framework" show as "Enabled".
  - b. Most everything will be pre-configured, so change settings as desired.
- 5) Save and Exit.

## 2.1.2 Intel® IPF Software Stack

Ingredient	Remarks
IPF Windows Setup	Single installer package. Required for all client apps like DTT, XTU and CST.
IPF Windows SDK	IPF EF SDK, for development using IPF EF.
IPF Core SDK	This is IPF Core SDK package only – no EF SDK. This is for development purpose, contains IPF core SDK primitive commands.

## 2.1.3 Intel® IPF Software Stack Installation

1. Install the Chipset and Graphic driver.
2. Install IPF infs. Once Installation is complete it will show under “System Devices” of Device Manager. Recommended way for installation is using pnputil commands.  

```
# pnputil.exe /add-driver ipf_acpi.inf /install
# pnputil.exe /add-driver ipf_cpu.inf /install
```

3. Reboot your system.
4. Make sure no device yellow bang in device manager.

Note: -

- Single installer: IPF no longer has a separate installer for IPF Core and EF components. Both are merged into a single installer. All components will show as 2.x in device manager.



## **3** *Feature Set – New to this release*

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## 4 *Issues – Fixed in this Release.*

Table 2. Fixed Issues

Reference No:	Description	Root cause	Solution

## 5 *Issues – Known in this Release.*

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Table 3. Known Issues

Reference No:	Description	Impact	Workaround
N/A			