

Release Notes

DRIVER VERSION: 15.65.5.4982

(Windows Driver Store Version 23.20.16.4982)

DATE: March 27, 2018

HIGHLIGHTS:

- **Surviving Mars* Launch Driver**
- **Ni No Kuni II Revenant Kingdom* Launch Driver**

Immerse yourself in the brand new re-mastered maps of [World of Tanks 1.0®](#) and enjoy [Secret of Mana®](#), [Into the Breach®](#), [The Legend of Heroes: Trails of Cold Steel II®](#), [Ni No Kuni™ II Revenant Kingdom*](#), and [Surviving Mars®](#) on processors with Intel® HD Graphics 620 or better.

In addition, you get to enter an alternate universe with [Metal Gear® Survive](#) and outlast massive Skaven* hordes in [Warhammer®: Vermintide 2](#) on processors with Intel® Iris® Pro Graphics.

Be sure to check out gameplay.intel.com, where you'll find recommended game settings for many more of your favorite PC games.

New Gaming Beta Features (related to the latest automatic game configuration feature in the Graphics Control Panel)

- Newly installed games are detected/scanned on system reboot
- Feedback button added to the gaming page

Learn more about the [Intel® Facial Special Effects Filter SDK](#)

Install the [Intel® Driver & Support Assistant](#) (previously called Intel® Driver Update Utility), which now automatically checks for drivers on a regular basis and can provide notifications when new drivers are available.

This document provides information about Intel's Graphics Driver for:

- 8th Generation Intel® Core processors with Intel® UHD Graphics 610, 620, 630.
- 7th Generation Intel® Core processors, related Pentium®/ Celeron® Processors, and Intel® Xeon processors, with Intel® Iris® Plus Graphics 640, 650 and Intel® HD Graphics 610, 615, 620, 630, P630.
- 6th Generation Intel® Core processors, Intel Core™ M, and related Pentium® processors, with Intel® Iris® Graphics 540, Intel® Iris® Graphics 550, Intel® Iris® Pro Graphics 580, and Intel® HD Graphics 510, 515, 520, 530.
- Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530
- Pentium®/ Celeron® Processors with Intel® HD Graphics 500, 505

CONTENTS OF THE PACKAGE:

- Intel® Graphics Driver
- Intel® Display Audio Driver (10.24.00.6)
- Intel® Media SDK Runtime
- Intel® OpenCL* Driver
- Intel® Graphics Control Panel
- Vulkan* Runtime Installer (1.0.68.0)

Operating System Support

On 8th Generation Intel® Core processors, 7th Generation Intel® Core processors, 6th Generation Intel® Core and Intel® Mobile Xeon processors and related Pentium/Celeron:

- Microsoft Windows® 10 64-bit

NEW FEATURES:

Newly installed games are detected/scanned on system reboot (in the Gaming Beta section of the Graphics Control Panel)
Performance optimizations in OpenGL for MSAA
Vulkan* memory optimizations for Dota 2® and other games
Performance optimizations for Kingdom Come™: Deliverance , Final Fantasy® XV, and Pure Farming 2018®

KEY ISSUES FIXED:

Intermittent stutter may be observed on systems with discrete graphics.
In the new gaming page, some games in the scrollable view may get clipped when in portrait mode.
Graphics anomalies may be observed in Wolfenstein II: The New Colossus™ and Sony Catalyst Production Suite

SUPPORTED PRODUCTS:

HARDWARE

All platforms with the following configurations are supported:

Intel® Graphics ¹	DirectX* ²	OpenGL*	OpenCL*	Vulkan*	Intel® Quick Sync Video
8th Generation Intel® Core™ processors with Intel® UHD Graphics 610/620/630	12	4.5	2.1	1.0.66	Yes
7th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 640/650	12	4.5	2.1	1.0.66	Yes
7th Generation Intel® Core™ processors with Intel® HD Graphics 610/615/620/630	12	4.5	2.1	1.0.66	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P630	12	4.5	2.1	1.0.66	Yes
Pentium Processors with Intel® HD Graphics 610	12	4.5	2.1	1.0.66	Yes
6th Generation Intel® Core™ processors with Intel® Iris® Pro Graphics 580	12	4.5	2.0	1.0.66	Yes
6th Generation Intel® Core™ processors with Intel® Iris® Graphics 540/550	12	4.5	2.0	1.0.66	Yes
6th Generation Intel® Core™ processors with Intel® HD Graphics 520/530	12	4.5	2.0	1.0.66	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530	12	4.5	2.0	1.0.66	Yes

Intel® Xeon® processor E3-1500M v5 family with Intel® Iris Pro Graphics P580	12	4.5	2.0	1.0.66	Yes
Intel® Core™ M processors with Intel® HD Graphics 515	12	4.5	2.0	1.0.66	Yes
Pentium® and Celeron® Processors with Intel® HD Graphics 500/505	12	4.5	1.2	1.0.66	Yes
Pentium Processors with Intel® HD Graphics 510	12	4.5	1.2	1.0.66	Yes

Note:

1. If you are uncertain of which Intel® processor is in your computer, Intel® recommends using the [Intel Processor Identification Utility](#) or Install the [Intel® Driver & Support Assistant](#) (previously called Intel® Driver Update Utility) to identify your Intel® processor.
2. In the Intel® Iris® and HD Graphics Control Panel (under Options > Options menu > Information Center), the 'Installed DirectX* version' refers to the operating system's DirectX version. The Information Center's 'Supported DirectX* Version' refers to the Intel® Graphics Driver's supported DirectX version. The DirectX 12 API is supported but some optional features may not be available. Applications using the DirectX 12 API should query for feature support before using specific hardware features. Please note that DirectX12 is only supported on Windows 10® and DirectX11.3 support is also available on supported Microsoft* operating systems.

KNOWN ISSUES

- Graphics anomalies may be observed in Titanfall® 2 (6th Gen Intel® Core™ Only) and other games
- Intermittent crashes or hangs may occur in Tom Clancy's The Division™ (DX12*), The Guild 3*, and other games.

More on Intel® Core™ processors

For more information on the Intel® Core™ processor family, Intel® Xeon® processor E3 family, and 8th Generation Intel® Core processors, please visit:

[Intel® 8th Generation Core Processors](#)

<http://www.intel.com/content/www/us/en/processors/core/core-processor-family.html>

<http://www.intel.com/content/www/us/en/processors/xeon/xeon-processor-e3-family.html>

<http://www.intel.com/graphics>

Work and play in high resolution with Intel® UHD Graphics, Iris® Graphics, Iris® Plus Graphics, and Iris® Pro Graphics. Watch captivating 4K Ultra HD (UHD) video on up to three screens, edit photos and videos like a pro, and immerse yourself in vividly rendered, seamless 3D gameplay - all with the added power boost of an Intel® Core™ processor. Intel® Graphics bring stunning visuals to thinner and lighter portable devices, like laptops, 2 in 1s, and desktop computers.

We continuously strive to improve the quality of our products to better serve our users and appreciate [feedback](#) on any issues you discover and suggestions for future driver releases. If you have an issue to submit, **please follow the guidance found here** [Default level information for reporting Graphics issues](#).

*Other names and brands may be claimed as the property of others.