

Release Notes

DRIVER VERSION: 24.20.100.6025

DATE: April 26, 2018

HIGHLIGHTS:

- **Microsoft® Windows 10 April Update Launch Driver**
- **[Hearthstone: The Witchwood*](#) Launch Driver**

This new driver brings significant quality and power saving improvements while displaying Enhanced Dynamic Range (EDR) content and provides better brightness in High Dynamic Range (HDR) mode for 7th Generation processors or higher. For a full list of Microsoft Windows® 10 April update features, please see [here](#).

Gaming with Intel® UHD Graphics 620 or better?

Throw down the latest cards in [Hearthstone: The Witchwood*](#) and follow Bruce Wayne* as he takes on the Joker* in [Batman: The Enemy Within – Episode 5: Same Stitch*](#). Get lost in the dark fantasy world of [Ash of Gods: Redemption*](#) and enjoy [Neverwinter Nights: Enhanced Edition*](#), [Jalopy*](#), [Masters of Anima*](#), and [Empires Apart*](#).

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

Have you ever wondered how the driver numbering works? Check out the new unified naming convention [here](#)

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 (10.25.00.5)
- Intel® Media SDK Runtime
- Intel® OpenCL* Driver
- Intel® Graphics Control Panel
- Vulkan* Runtime Installer (1.1.70.1)

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:

Microsoft Windows® 10 April update features, found here
Support for Direct X* 12 shader model 6.2
Supports the new task manager which displays GPU frequency and power status
Vulkan® 1.1 Support ⁱ

KEY ISSUES FIXED:

Graphics anomalies may be observed in Warhammer: Vermintide 2* Main Menu*, NieR: Automata*, Atomega*, Final Fantasy XV*, and Split/Second*
PowerDVD* may issue "error code: 0107" which stops the media playback while resuming back from sleep
Intermittent alerts may be triggered on some systems by a file from the Intel® Graphics driver installation process
Corruption may be seen in some systems while desktop sharing or while using remote applications

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	1.1.70	Yes
7th Generation Intel® Core™ processors with Intel® Iris® Plus Graphics 640/650	12	4.5	2.1	1.1.70	Yes
7th Generation Intel® Core™ processors with Intel® HD Graphics 610/615/620/630	12	4.5	2.1	1.1.70	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P630	12	4.5	2.1	1.1.70	Yes
Pentium Processors with Intel® HD Graphics 610	12	4.5	2.1	1.1.70	Yes
6th Generation Intel® Core™ processors with Intel® Iris® Pro Graphics 580	12	4.5	2.0	1.1.70	Yes
6th Generation Intel® Core™ processors with Intel® Iris® Graphics 540/550	12	4.5	2.0	1.1.70	Yes
6th Generation Intel® Core™ processors with Intel® HD Graphics 520/530	12	4.5	2.0	1.1.70	Yes

Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530	12	4.5	2.0	1.1.70	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® Iris Pro Graphics P580	12	4.5	2.0	1.1.70	Yes
Intel® Core™ M processors with Intel® HD Graphics 515	12	4.5	2.0	1.1.70	Yes
Pentium® and Celeron® Processors with Intel® HD Graphics 500/505	12	4.5	1.2	1.1.70	Yes
Pentium Processors with Intel® HD Graphics 510	12	4.5	1.2	1.1.70	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), Extreme Tux Racer*, and other games
- Intermittent crashes or hangs may occur in Tom Clancy's The Division™ (DX12*) 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](#).

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