

Release Notes

DRIVER VERSION: 15.40.25.4463 &15.40.25.64.4463

DATE: June 10, 2016

SUMMARY:

Whether you're a casual gamer, power user, or gamer, this driver is aimed to improve your overall experience. We've fixed many hangs, crashes, and graphics corruptions across a wide spectrum of games and applications. We're especially pleased to report that this driver also fixes some long standing and frequently reported graphics issues on Intel's Support Community, including a scaling issue with Windows 10®, and an error found when playing a particular game title. Please see below for additional details on fixed issues.

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

- 6th Generation Intel® Core processors, Intel Core™ M, and related Pentium® processors with Intel® HD Graphics 510, 515, 520, 530, Intel® Iris™ Graphics 540, Intel® Iris™ Graphics 550, and Intel® Iris™ Pro Graphics 580.
- Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530
- 5th Generation Intel® Core processors with Intel HD Graphics 5500, 5600, 6000, Intel Iris™ Graphics 6100, Iris Pro Graphics 6200 and select Pentium®/ Celeron® processors with Intel® HD Graphics
- Intel® Core™ M with Intel HD Graphics 5300
- 4th Generation Intel® Core™ Processors with Intel HD Graphics 4200, 4400, 4600, 5000, Intel Iris™ Graphics 5100 and Intel Iris Pro Graphics 5200 and select Pentium®/ Celeron® Processors with Intel® HD Graphics
- Pentium, Celeron, and Atom processors based on Braswell and CherryTrail.

CONTENTS OF THE PACKAGE:

- Intel® Graphics Driver
- Intel® Display Audio Driver
- Intel® Media SDK Runtime
- Intel® OpenCL* Driver
- Intel® Graphics Control Panel

KEY ISSUES FIXED:

Graphics corruptions may be seen in Just Cause 3*, Forza Apex*, The Witness*, XCOM 2*, Ark Survival: Evolved*	Windows 10®
System may crash/hang in Doom (2016)*, Rise of the Tomb Raider*, F1 2015*, Just Cause 3*, Witcher 3 The Wild Hunt: Hearts of Stone*, Day Z*, Ark Survival Evolved*, Arma III*, DayZ*	Windows 8.1* Windows 10®
Issues reported on Intel Developer Forum: <ul style="list-style-type: none"> • Green lines in mipmaps • Replacing expression <code>e</code> with <code>(false ? ... : e)</code> causes dramatic change in rendering • Replacing <code>p</code> with <code>(p * vec3(1.0))</code> leads to malformed image • Incorrect results returned by <code>glGetProgramResourceiv</code> for buffer objects in compute shader 	Windows 7* Windows 8.1* Windows 10®
In Arma III: <ul style="list-style-type: none"> • <code>dxgi_error_device_removed</code> error • Refresh rate issues 	Windows 7* Windows 8.1*
System may hang while resuming from Sleep/Hibernation while using WiDi	Windows 10®
Screen may blank during League of Legends*	Windows 10®
Corruption may be observed when resizing the PowerDVD* playback window in Cinema mode with the Pop UP menu enabled	Windows 7*
System may crash while playing video in 3D mode on PowerDVD*	Windows 10®
System may crash when playing back videos over WiDi or Miracast	Windows 10®
File explorer may hang when right-clicking on a large file and moving the mouse over the 'Open With' menu option	Windows 10®
Scaling issue, Black Borders problem in Windows 10® - Stuck at ' <i>Constrain proportions</i> '	Windows 10®
Screen may not rotate in full screen mode and other miscellaneous issues with screen rotation.	Windows 10®

SUPPORTED PRODUCTS:

HARDWARE

All platforms with the following configurations are supported:

Intel® Graphics ¹	DirectX* 2	OpenGL*	OpenCL*	Intel® Quick Sync Video	Intel® Wireless Display
6th Generation Intel® Core™ processors with Intel® HD Graphics 520/530	12	4.4	2.0	Yes	Yes
6th Generation Intel® Core™ processors with Intel® Iris™ Graphics 540/550	12	4.4	2.0	Yes	Yes
6th Generation Intel® Core™ processors with Intel® Iris™ Pro Graphics 580	12	4.4	2.0	Yes	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® HD Graphics P530	12	4.4	2.0	Yes	Yes
Intel® Xeon® processor E3-1500M v5 family with Intel® Iris Pro Graphics P580	12	4.4	2.0	Yes	Yes
Intel® Core™ M processors with Intel® HD Graphics 515	12	4.4	2.0	Yes	Yes
Pentium Processors with Intel® HD Graphics 510	12	4.4	1.2	Yes	Yes
5th Generation Intel® Core™ Processors with HD Graphics 5500	12	4.4	2.0	Yes	Yes
5th Generation Intel® Core™ Processors with HD Graphics 6000	12	4.4	2.0	Yes	Yes
5th Generation Intel® Core™ Processors with Iris™ Graphics 6100	12	4.4	2.0	Yes	Yes
5th Generation Intel® Core™ Processors with Iris™ Pro Graphics 6200	12	4.4	2.0	Yes	Yes
Intel® Core™ M with Intel® HD Graphics 5300	12	4.4	2.0	Yes	Yes
4th Generation Intel® Core™ Processors with Intel® Iris™ Pro Graphics 5200	12	4.3	1.2	Yes	Yes
4th Generation Intel® Core™ Processors with Intel® Iris™ Graphics 5100	12	4.3	1.2	Yes	Yes
4th Generation Intel® Core™ Processors with Intel® HD Graphics 5000/4600/4400/4200	12	4.3	1.2	Yes	Yes
Intel® Pentium® and Celeron® Processors with Intel® HD Graphics based on 4 th and 5 th Generation Intel® Core™	12	4.3	1.2	Yes	Yes
Pentium®, Celeron®, and Atom™ processors based on Braswell and CherryTrail.	12	4.3	2.0	Yes	Yes

SOFTWARE

On 6th Generation Intel Core and Intel Mobile Xeon processors and related Pentium/Celeron:

- Microsoft Windows 10® 64-bit
- Microsoft Windows 8.1* 64-bit
- Microsoft Windows 7* 64-bit, 32-bit

On 5th Generation Intel Core processors and related Pentium/Celeron:

- Microsoft Windows 10® 64-bit

- Microsoft Windows 8.1* 64-bit, 32-bit
- Microsoft Windows 7* 64-bit, 32-bit

On 4th Generation Intel Core processors and related Pentium/Celeron:

- Microsoft Windows 10® 64-bit, 32-bit

On Braswell/CherryTrail family processors:

- Microsoft Windows 10® 64-bit
- Microsoft Windows 8.1* 64-bit
- Microsoft Windows 7* 64-bit

Note:

1. If you are uncertain of which Intel processor is in your computer, Intel recommends using the [Intel Processor Identification Utility](#) or [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 corruption may be observed in Rise of the Tomb Raider*, Fallout 4*, FIFA 16*, Act of Aggression*, Mortal Kombat X*, Far Cry Primal*, and other games.
- Crash or hang may occur in Doom (2016)*, Ashes of the Singularity*, FIFA 16*, Batman Arkham Knight*, Assassin's Creed Syndicate*, Vendetta: Curse of Raven's Cry*, Quantum Break*, Kishonti CompuBench* benchmark and other games or apps.
- Game may return to desktop during gameplay on H1Z1: Just Survive*, Fallout 4* and other games.
- Game gets dimmed on Lego Star Wars 3: The Clone Wars*.
- Flickering may be seen on GFXBench 4.0*.
- Two active taskbars may appear when DisplayPort monitor attached to the system is unplugged while in extended desktop display configuration.

More on Intel® Core™ processors

For more information on the Intel® Core™ processor family, Intel® Xeon® processor E3 family, and 6th Generation Intel Core processors, please visit:

<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>

<http://www.intel.com/content/www/us/en/processors/core/6th-gen-core-family-mobile-brief.html>

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.