

# Release Notes

**DRIVER VERSION: 15.40.4.64.4256**

**DATE: August 5th, 2015**

## **SUMMARY:**

This driver includes support for the new Microsoft Windows 10\* 64-bit operating system for the new 6<sup>th</sup> Generation Intel® Core™ i7-6700k processor and 6<sup>th</sup> Generation Intel® Core™ i5-6600k processor with Intel HD graphics, 5<sup>th</sup> Generation Intel Core processors, and 4<sup>th</sup> Generation Intel Core Processors with Intel HD Graphics and Iris Graphics.

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

- 6<sup>th</sup> Generation Intel® Core™ i7-6700k processor with Intel® HD graphics 530 and 6<sup>th</sup> Generation Intel® Core™ i5-6600k processor with Intel® HD graphics 530
- 5<sup>th</sup> 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
- 4<sup>th</sup> 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

## **NEW FEATURES:**

This driver includes support for the new Microsoft Windows\* 10 operating system and adds new Windows 10 features including DirectX 12, PlayReady 3 for 1080p playback, and Miracast. In addition, this driver also adds support for DirectX 11.3. The graphics, media, and display features supported on Windows 8.1 for the 4<sup>th</sup> and 5<sup>th</sup> generation Core Processors are also supported on Windows 10. A quick reference guide is available at: <https://software.intel.com/en-us/articles/quick-reference-guide-to-intel-processor-graphics>. More information is also available on <http://www.ark.intel.com>.

## **CONTENTS OF THE PACKAGE:**

- Intel® Iris™ and HD Graphics Driver
- Intel® Display Audio Driver
- Intel® Media SDK Runtime
- Intel® OpenCL\* Driver
- Intel® Graphics Control Panel

## **KEY ISSUES FIXED:**

- Windows 8 DirectX10 and DirectX11 games running on touch enabled systems would run with “Centered” scaling if resolution was set to less than the native panel resolution. This issue is fixed in Windows 10.

## **KNOWN ISSUES:**

- Grand Theft Auto V may hang on 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k processors
- Photoscan by Agisoft may display “Not enough memory” error message when selecting Build Texture with default setting on 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k processors

- Color corruption with Xbox player may be seen when xvYCC is enabled on 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k processors
- Game may exit if quality settings are set to high on Hitman Absolution on 4<sup>th</sup> and 5<sup>th</sup> gen Core Processors
- Cyberlink Power Director 13 application may crash after loading projects when Shared Virtual Memory is enabled on 5<sup>th</sup> gen Core processors and 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k processors
- Luxmark 3.x may not run to completion
- Green line may be observed when Denoise is enabled on 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k processors
- Lost Planet 2 may show black background on game menu on 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k processors
- Video corruption may be observed on Risen 3: Titan Lords on 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k processors

## SUPPORTED PRODUCTS:

### SOFTWARE

This driver supports the following operating systems:

- Microsoft Windows\* 10 64-bit

### HARDWARE

All platforms with the following configurations are supported:

Intel® Graphics <sup>1</sup>	DirectX* <sup>2</sup>	OpenGL*	OpenCL*	<a href="#">Intel® Quick Sync Video</a>	<a href="#">Intel® Wireless Display</a>
<b>6th Generation Intel® Core™ i7-6700k with HD Graphics 530</b>	12	4.3 <sup>3</sup>	2.0	Yes	Yes
<b>6th Generation Intel® Core™ i5-6600k with HD Graphics 530</b>	12	4.3 <sup>3</sup>	2.0	Yes	Yes
<b>5th Generation Intel® Core™ Processors with HD Graphics 5500</b>	12	4.3 <sup>3</sup>	2.0	Yes	Yes
<b>5th Generation Intel® Core™ Processors with HD Graphics 6000</b>	12	4.3 <sup>3</sup>	2.0	Yes	Yes
<b>5th Generation Intel® Core™ Processors with Iris™ Graphics 6100</b>	12	4.3 <sup>3</sup>	2.0	Yes	Yes
<b>Intel® Core™ M with Intel® HD Graphics 5300</b>	12	4.3 <sup>3</sup>	2.0	Yes	Yes
<b>4th Generation Intel® Core™ Processors with Intel® Iris™ Pro Graphics 5200</b>	12	4.3	1.2	Yes	Yes
<b>4th Generation Intel® Core™ Processors with Intel® Iris™ Graphics 5100</b>	12	4.3	1.2	Yes	Yes
<b>4th Generation Intel® Core™ Processors with Intel® HD Graphics 5000/4600/4400/4200</b>	12	4.3	1.2	Yes	Yes

Intel® Pentium® Processor 3805U	12	4.3	1.2	Yes	Yes
Intel® Celeron® Processor 3755U/3205U	12	4.3	1.2	Yes	Yes
Intel® Pentium® Processor 3558U/3560M/3561Y/G3220/G3220T/ G3240/G3240T/G3250/G3250T/G3258/  G3320TE/G3420/G3420T/G3430/ G3440/G3440T/G3450/ G3450T/  G3460 with Intel® HD Graphics	12	4.3	1.2	Yes	No
Intel® Pentium® Processor 3550M/3556U/ 3560Y with Intel® HD Graphics	12	4.3	1.2	No	No
Intel® Celeron® Processor 2957U/2961Y/ 2970M/2981U/G1820/G1820T/G1820T E/  G1830/ G1840/G1840T/G1850 with Intel® HD Graphics	12	4.3	1.2	Yes	No
Intel® Celeron® Processor 2000E/2002E/  2950M/2955U/2980U with Intel® HD Graphics	12	4.3	1.2	No	No

Note:

1. If you are uncertain 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.
3. A future driver release will add support for OpenGL 4.4.

**More on 6<sup>th</sup> Generation Intel® Core™ i7-6700k and Core™ i5-6600k**

For more information on the 6<sup>th</sup> Generation Intel® Core™ i7-6700k processor with Intel® HD graphics 530 and 6<sup>th</sup> Generation Intel® Core™ i5-6600k processor with Intel® HD graphics 530, please visit:

- <http://www.intel.com/content/www/us/en/processors/core/6th-gen-core-family-desktop-brief.html>
- <http://www.intel.com/content/www/us/en/gaming/serious-gaming.html>
- <http://www.intel.com/content/www/us/en/chipsets/performance-chipsets/z170-chipset-brief.html>
- <http://www.intel.com/content/www/us/en/processors/core/core-i7ee-processor.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.

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