Release Notes

DRIVER VERSION: 15.31.17.3257 and 15.31.17.64.3257

DATE: September 11, 2013

SUMMARY:

This document provides information about Intel's Graphics Driver for Microsoft Windows 8* and Microsoft Windows 7* operating systems. This combined driver for both Windows 8 and Windows 7 fixes bugs reported on 3rd and 4th Generation Intel® Core™ Processors. 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.

SUPPORTED PRODUCTS:

SOFTWARE

This driver supports both 32-bit and 64-bit variants of Microsoft Windows 7 and Microsoft Windows 8 operating system.

HARDWARE

All platforms with the following configurations are supported:

Intel® Graphics	DirectX*	OpenGL*	OpenCL*	Intel® Quick Sync Video	Intel® Wireless Display	Intel® Insider™	InTru™ 3D	Intel® Clear Video HD Technology
Iris™ Pro Graphics 5200	11.1	4.0	1.2	Yes	Yes	Yes	Yes	Yes
Iris Graphics 5100	11.1	4.0	1.2	Yes	Yes	Yes	Yes	Yes
HD Graphics 5000/4600/4400/4200	11.1	4.0	1.2	Yes	Yes	Yes	Yes	Yes
HD Graphics 4000/2500	11.0	4.0	1.2	Yes	Yes	Yes	Yes	Yes
HD Graphics on Intel® Pentium® Processor 2000/3000/G2000/G2100/G3000 Series and Celeron® Processor 900/1000/2000/G1000 Series	11.0	4.0	No	No	No	No	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.

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

GAMES SUPPORTED:

The following recently released games are known to run well on 4th Generation Intel Core Processors:

- Dota 2*
- Grid 2*
- Lost Planet 3*
- Metro: Last Light*
- NASCAR: The Game 2013*
- Total War: Rome II*

The list above is only a small list of some notable games that were recently released or updated. Intel conducts extensive testing on both new and older games to assess compatibility and performance by working closely with many game development companies to test their games on our hardware and drivers prior to the game release to ensure better experience.

ISSUES FIXED:

The following issues were fixed on 3rd Generation Intel Core Processors:

Issue Fixed:	Operating System:
Hang no longer occurs when running the 3D Text screen saver for a long time.	Windows 8
Fixed an issue where monitors not supporting EDID were locked to 1366x768 resolution.	Windows 7, Windows 8
Resolved DWM.exe crash error "Desktop Window Manager stopped working and was closed" reported on systems with discrete graphics with Switchable Graphics enabled.	Windows 7, Windows 8

The following issues were found on 4th Generation Intel Core Processors. Some may also be seen on 3rd Generation Intel Core Processors.

Issue Fixed:	Operating System:
Resolved the no video issue that may be seen after moving the HDMI display from non-Intel graphics port to the Intel graphics port.	Windows 7, Windows 8
BioShock* game: Corruption no longer seen in the beginning of game.	Windows 7
Resolved issue where the mouse cursor or welcome screen shifts/	Windows 8

jumps when booting into Windows.	
Resolved issue where a second HD audio device shows in Windows Sound properties control panel after unplugging the DisplayPort monitor.	Windows 8
Display no longer flickers when running a camera application.	Windows 8
Resolved flash seen on laptop display after changing from a low resolution to a high resolution using touch.	Windows 8
Sandra 2013 Cryptography SHA 512*: Resolved Compute Shader Error 339 seen.	Windows 7
Battlefield 3* game: Corruption no longer seen on train floor.	Windows 7, Windows 8
Unigine Heaven Benchmark 4.0 Basic (OpenGL) application: checkerboard corruption no longer seen on right side of the window.	Windows 8
Resolved issue where stereoscopic 3D (S3D) signal remains on the Windows desktop after stopping the playback of S3D video over an Intel® Wireless Display (Intel WiDi) or after connecting Intel WiDi while the Blu-ray video plays.	Windows 8
Resolved issue where incorrect SDVO information was shown in the Intel Graphics Control Panel	Windows 8
Resolved sporadic issue where a 4Kx2K display may be blank	Windows 7, Windows 8
The Intel HD Audio device in Windows Device Manager no longer shows a yellow exclamation point after Microsoft Sysprep*	Windows 8
Resolved issue where xvYCC & YCbCr color options may not appear in the Intel Graphics Control Panel after connecting an HDMI panel.	Windows 8
Metro Video's sound can be paused after resume from Standby state.	Windows 8
Resolved an issue where the Intel® Display Audio is not listed in the Windows Device Manager after connecting an HDMI monitor and then resuming from Standby/Hibernate mode.	Windows 8
Resolved a crash issue that may be seen after inserting H.264 file into a timeline of Corel VideoStudio Pro*.	Windows 8
Resolved an issue where 2560x1080 resolution was not available on the third DisplayPort 1.2 monitor when daisy chained (This	Windows 8

feature is supported only on 4th Generation Intel Core Processors).	
Resolved an issue where power on the second and third monitors are not detected while daisy-chained.	Windows 7, Windows 8
Resolved a corruption issue seen in a recursive Gaussian* test.	Windows 7, Windows 8
Resolved a corruption issue seen in Resident Evil 5* Benchmark (DirectX 10).	Windows 8
Fixed an issue where a vertical line unexpectedly appears on the right side while at the Windows locked screen, when screen is unlocked, or when resuming from Sleep or Hibernate state.	Windows 8
Fixed issue where screen may turn black after switching to Clone mode	Windows 8

APPLICATIONS TO BE UPDATED:

It is recommended to upgrade the below list of applications to avoid any unexpected issues.

- 3DMark11*: Upgrade to 1.0.3 or later
- Batman Arkham City*: Upgrade to the latest patch
- Mafia 2*: Upgrade to the latest patch
- Company of Heroes*: Upgrade to 2.101 and update Opposing Fronts to 2.500 or Tales of Valor to 2.601
- HomeFront*: Upgrade to 1.0.5 or later
- Unigine Heaven*: Upgrade to 2.5 or later
- Battlefield 3*: Upgrade to latest patch

KNOWN ISSUES:

- Unsupported file type error may be seen when trying to do 2D or 3D online streaming.
- Driver exhibits a delay or black screen when switching between multiple 3D applications under multiple user logins in Windows 8.
- Minor artifacts may be seen in the following applications, games, and situations:
  - Street Fighter IV*
  - 3D Studio Max 2013*
  - Wings of Prey* (DirectX 9) where pointer disappears in menus.
  - Blu-ray video player when moving video to the secondary display
  - Photoscan* when rendering main object.
  - With mouse cursor when resuming from Sleep state.
- Crash may be seen with the following applications and games:
  - Sandra 2012 SP6*
  - Sonic and All Stars Racing Transformed*
- Angry Birds Space* game does not keep running after resuming from Connected Standby state.
- Endless Space*: Cannot launch the game.

- Corruption on some DVDs after about 6 minutes.

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