Release Notes

DRIVER VERSION: Intel® Graphics Driver PV 15.40.37.4835 32bit & 64bit

DATE: November 06, 2017

SUMMARY:

This is a maintenance driver release. Please see below for additional details on fixed issues.

ISSUES RESOLVED

Reference No.	Description	Affected OS(s)	Affected Project(s)
Bug ID: 1405138635	Garbage/corruption may be seen when entering the OS with 2 displays connected through eDP and DP interface.	Windows® 7 Windows® 10x64	Braswell
Root Cause/Resolution: Issue seen because dithering was disabled by default on external display. Fix was added by introducing a new RegKey to enable dithering.			
Bug ID: 1405138635	DTD values appearing in the VBT are not reported in the EDID of CUI/DispDiag.	Windows® 10 x64	Braswell
Root Cause/Resolution: Fix implemented in driver code to the size attributes to the returned EDID to CUI			
Bug ID: 1405377382	System hang observed with 800x600 resolution BSW/CHT x86 system	Windows® 10 x64	Braswell
Root Cause/Resolution: Resolved System hang with 800x600 resolution by optimizing GFX SW on BSW/CHT x86 systems			
Bug ID: 1405617587	Bug check C4 observed with driver verifier enabled and opening windows applications like IE, DTCM	Windows® 10 x64	Braswell
Root Cause/Resolution: Code optimization done on memory allocations for all windows applications.			
Bug ID: 1405680453	Errors with Randomized Low Resource tests	Windows* 10 x64	Braswell
Root Cause/Resolution: Optimized OS memory error handling			

SUPPORTED PRODUCTS:

HARDWARE
All platforms with the following configurations are supported:

SOFTWARE

Intel® Graphics[1]	DirectX*[2]	OpenGL*	OpenCL*	Intel® Quick Sync Video	Intel® Wireless Display
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 4th and 5th 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

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

- Microsoft Windows 10® 64-bit only
- 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*
        *32-bit support is limited to particular SKU's.

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 & Support Assistant 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.

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.