Intel® HD Graphics Driver Production Version 14.56.64.5449 Release Notes

Feb 2014

Microsoft Windows* XP

INTEL CONFIDENTIAL

Revision History

Date	Driver Revision	Description	Build Number
February 28, 2014	Production Version 14.56.64.5449	Production Version Build Maintenance Release 2	5449
October 15, 2013	Production Version 14.56.64.5445	Production Version Build Maintenance Release 1	5445
April 23,2013	Production Version 14.56.64.5441	Production Version Build	5441
November 23, 2012	Beta 14.56.64.5429	Beta Engineering Build	5429
September 28, 2012	Alpha 14.56.64.5426	Alpha Engineering Build; Not fully Validated	5426
September 7, 2012	Alpha 14.56.64.5425	Alpha Engineering Build; Not fully Validated	5425
July 27, 2012	Alpha 14.56.64.5419	Alpha Engineering Build; Not fully Validated	5419

Intel® HD Graphics Driver

The Intel® HD Graphics Driver contains support for the following Intel Chipsets/Processors

- Intel Haswell Mobile
- Intel Haswell Desktop

Known Issues

Known Issues in Build 5449	
Reference Number	**Description**
5263900	HSW-MOB : Resolution on DP/HDMI display does not persist after Hot-unplug followed by Hot-plugging.

Issues Resolved

Issues Resolved in Build 5449	
Reference Number	**Description**
5180606	PowerSpy Specific : HSW - XP32 - Changing Color depth from CUI causing system to hang / Display Blank in Extended view
5181817	HSW-MOB : XP : ALS sensor : eDP brightness does not change when ALS sensor is exposed to light / hidden from light
4909159	linked S1 to S4 the system is not going from S3 to S4 and resume itself after S3
5059575	WHQL 1.5 : HSW-DT : D3D Invalid Parameters (32-bit) test fails on HSW desktop
5059578	WHQL 1.5 : HSW: Failures observed in Vertex Shaders/Pixel Shaders/ Volume Texture tests
5059584	WHQL 1.5 : HSW: Non Power 2 Conditional RenderTarget (32-bit) test fails
5177552	Panel Specific: In clone mode with VGA as primary and DP/HDMI as secondary or vice-versa CUI shows 800x600 resolution for VGA.
5222330	[WIN7 Merges- XP Requirement]-"DP monitor (Fujitsu VL-270VSWL/HP LP2275W) an not be detected after S3/S4/reboot
5222337	[WIN7 Merges-XP Requirement] APPLE RCR internal DP in port D
5222339	[WIN7 merges-XP Requirement]:FDI BUN and eDP lanes initialization
5222340	[WIN7 Merges- XP Requirement]"Line intermittently shows on VGA monitor desktop under Extend/Clone mode with iGFX
5222325	[XP Requirement]Source Ball: Microsoft Feedback / SoftBios
5263033	LC Specific: In OS property page for Monitor Hide Modes are grayed out and monitor information is not available in CUI information Center. .
5224144	LC specific: Blank display with mouse cursor observed on DP display when resumed from Linked SX
5223809	Corruption observed on Primary display in Extended view when launching donut and pressing ESC to exit
5263152	Klocwork Issues: Dereferencing of pointer before NULL check , Uninitialized variables (Klocwork issue reported LOC -68)
5263153	Klocwork Issues: Dereferencing of pointer returned by function before NULL check (Klocwork issue reported LOC -70)

Issues Resolved in Build 5445	
Reference Number	**Description**
5180214	CH7511- eDP to LVDS is not working in HSW -Windows XP
5180018	Driver not getting installed with setup.exe - on Embedded OS POSReady 2009
5053737	Video playing with WinDVD player hangs when running along with DirectDraw app(the bouncing white box)
4849874	HDMI is detected after Hotunplug when connected through DP2HDMI dongle through port D of eaglemont card .
5055357	DT Specific;Furmark application hang when stress run for long duration.
5056044	eDP+VGA(Extended and Clone mode): eDP is missing after resuming from Standby mode
5056045	eDP+VGA(Extended and Clone mode): VGA display is corrupted(becomes blank) after resuming from Hibernate mode
5058181	Created Profile in CUI gets applied automatically upon hotunplug/plug even if it not applied in CUI.
4692360	DT specific: Unable to detect 2 HDMI displays using DP to HDMI dongle.
5059207	Panel Specific: In clone mode/single mode with VGA as primary and DP/HDMI display as secondary on resuming the system from standby (S3) VGA goes blank.
5059209	Panel Specific: Display on VGA appears to be shifted towards right in clone/single mode at 1920 x 1200 resolutions.
5059210	VGA display appears corrupted when put in extended mode with eDP primary and VGA secondary after resuming the system from hibernate (S4) with eDP primary and DP secondary.
4730064	DELA054 panel specific: VGA display does not come up in clone mode when resolution is 19*12.
5061144	Overlay application disappears when rotated using CUI/OS Properties.
4942962	System is getting hanged when Glsl Demo v 3.8 is ran and mode is changed from DP to DP+VGA extended.
5177555	In clone mode with eDP as primary and VGA as secondary corruption on VGA is

	observed on resuming the system from S4 state.
5177563	After trying first time rotation from OS property with overlay application running rotation doesn't happen. Need to do it second time for rotating.
4944727	Crash observed when playing DirectDraw application in extended view.
5052707	The system suddenly crashed/restarted in the middle of while playing the game DOOM 3
5055255	eDP display does not boot with the timings found in the DT block in VBT
5055360	In extended mode, system resumes intermittently from screen saver-> hibernate state on mobile
5059576	WHQL 1.5 : HSW: DXVA Display Test (32-bit) test fails

Issues Resolved in Build 5441	
Reference Number	**Description**
4799914	The graphics driver may not initialize correctly the first time setup.exe is invoked, requiring a re-install.
5055360	While in extended mode, system resumes intermittently from screen saver to hibernate state (specific to HSW MOB)
NA	Inbox audio driver does not work with silicon steppings prior to C0 Haswell / C1 Lynxpoint.
4799665	System shuts down when left idle for some time.
4850225	eDP+DP (EDT mode): eDP is missing after resuming from Lid Close-Hibernate. Closed.
4850227	After unplugging the VGA display while in S3/S4 and reconnecting upon resume, driver does not list VGA as a valid display option in CUI or any other UI related to the driver.
4850847	Flickering is observed on HDMI display during video playback using WMP11 player with overlay (only seen on HSW DT).
4851424	System gives a CAT error when pressing Ctrl+Alt+Shift+F8 key for panel scaling.

4851442	Flickering is observed when running 3D pipes screen saver in dual display clone or extended desktop.
4691415	Display settings for primary and secondary do not persist during dock/undock in extended desktop mode.
4691418	Frame drops and image overlapping is observed while playing hi-def video clips.
4692165	Machine hangs on DVD menu screen and requires a hard restart when playing DVD titles using HW acceleration in PowerDVD10.
4693099	Subtitles don't work with HW acceleration enabled on PDVD10 and can result in system hangs.
4849879	In dual display mode with eDP as secondary (set at max supported display mode), rendering slows down or lags if application is ran on eDP.
4692170	Cropped or truncated frames are displayed on primary display and no frames are displayed on secondary display when playing MPEG2 video in extended desktop mode.
4849882	When running GLSL demo, hovering the mouse on the playback window and moving it, causes the app to stutter.
4730478	In dual display, if Glaze 3.1 playback window is dragged to secondary display (from eDP to HDMI, eDP to CRT), rendering slows down.
4800782	Noticeable lag is observed when toggling between full screen and REF modes with select DX SDK samples. Closed as expected behavior.
4801606	Unable to apply 75Hz refresh rates even when the display supports it.
4801607	59Hz refresh rate applied via CUI does not match what is reported by monitor's on-screen controls (MCCS), which reports a refresh rate of 60Hz.
4849625	720x400 resolution is not available within the CUI even if the display supports it
4730407	Playing hi-def videos in extended desktop full screen mode via PowerDVD sometimes causes the display to blank out.
4731220	Unigine performance application crashes on start screen while running OpenGL benchmark test.
4849967	BSOD pointing to igxprd32.dll/igxpdx32.dll is observed while running Battle Field - Bad Company 2 game.

Reference Number	Description
4849889	Mouse pointer is not seen on primary DP monitor when secondary DP display is hot unplugged and plugged in dual display clone (secondary display connected via Eaglemont card port D).
4800715	Corruption is seen when playing DVD with WinDVD. Resolved.
4692168	PowerDVD10 hangs while playing a 720i hi-def clip in extended mode. Only first still frame is observed.

Issues Resolved in Build 5429	
Reference Number	**Description**
4605990	State transitions (S3 and S4) are not working.
4607830	User may experience crashes or see corruption with select DX9 games (Crysis Warhead, Call of Duty)
4799908	Unable to detect/enable DisplayPort device connected to the system (only affects HSW DT)
4799912	When "Customize Aspect Ratio" option is enabled, (any resolution on HDMI or VGA display) user is unable to revert back to "Maintain Display Scaling" setting
4800710	Sometimes VGA display does not get re-detected when switching between dual display to single or vice versa
4800713	VGA sometime loses display or screen turns blue when changing panel fitting settings (full screen vs. centering) using the ACPI hotkeys
4691411	Refresh rate of display changes upon switching the system to battery mode.
4690912	In extended desktop mode, if primary monitor is hot unplugged, display is still visible on secondary but configuration doesn't switch to single display (secondary is not treated as primary single display).

Issues Resolved in Build 5426	
Reference Number	**Description**
4729640	3DMark 06 BSOD when running Firefly GT2 benchmark at highest settings
4798612	Driver unloads and system restarts when playing MPEG2 video using Graphedit on eDP display

4691400	Some modes selected and applied from OS properties page are not reflected correctly in the CUI property pages for DisplayPort and HDMI displays
4730512	CUI custom profile rotation settings are not applied
4691385	Mouse cursor is missing on panned portion of the display in single eDP mode
4732181	BSOD is seen when installing the graphics driver (via Have Disk or Setup.exe)
4798996	3DMark05 CPU test hangs (only seen on HSW B1 stepping)

Issues Resolved in Build 5425	
Reference Number	**Description**
4730509	Garbage text values are displayed in the CUI system information page
4607829	3D Mark initialization screen is not displayed in full screen
4692172	Unable to play video in full screen using graphedit application
4607529	Running dxdiag Direct3D test on Win XP hangs the system
4607532	Unable to run any of the pre-packaged (compiled) DX9 SDK samples on Win XP
NA	Mouse cursor is not visible on eDP display (only affects HSW DT)
NA	Select clone mode configurations with eDP (eDP+VGA, eDP+HDMI) do not work, resulting in a black screen on the non-eDP display (only affects HSW DT)
NA	Enabling "Maintain Display Scaling" option on an HDMI display @1024x768 causes corruption and the screen to blank out