Intel® Graphics Media Accelerator 500

Production Driver 6.14.10.1080

Release Notes

11/06/2008

Date	Revision	Description
11/06/2008	Production Driver (2.2.1.32X) – Maintenance Release	Production Release Intel® GMA 500 Graphics Driver (2.2.1.3 Maintenance Build
10/22/2008	Production Driver (2.2.0.32X)	Production Release Intel® GMA 500 Graphics Driver (2.2.0.3

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This Production release of the driver contains all features implemented into the driver – based on Product Requirement Documentation.

Resolved Issues

1. Flash video playback in Full screen will cause Flash plug-in application crash and possible web browser to exit.

Known Issues

1. Full Screen DOS is not supported in Plan of Record and not expected to work properly.

Errata / Workaround:

1. To run 3DMark tests successfully with SW TNL on our driver, you must force software vertex processing.
   To do this, open 3DMark 05 and go to settings->change and check the "Force software vertex shaders" box.
   Neglecting to do so will result in a box saying "IDirect3D9::CreateDevice failed: Invalid call" when trying to run tests.
2. To correctly measure 3D performance using 3DMark05 Application, please run Enable3DMark05.reg registry in to run 3DMar05
   to get accurate benchmark score. You should run Disable3DMark05.reg registry after the 3DMark05 benchmark to avoid any issues/failures.
3. Default OS config will only use SW decode for WMV Motion Compensation due to known XP SP3 issue – this may slow down video performance.
   Microsoft Media Player 10 with a WMV patch are available from Microsoft* website.
Microsoft Media Player 11 works without additional patches.

Component	Title
2D/3D	[DDraw] WinBench 99 performance test shows new performance degradation
2D/3D	3D screen saver corrupts in the portrait mode.
Power Management	Progress bar and Windows* Logo cannot be seen in case of S4 transition.
2D/3D	Screen tearing/ garble on external desktop when running 3D screen saver
Internal Display	Blackscreen on LCD monitor while run Command at full screen mode
External Display	Critical - VGA monitor is not hot plug detected
Installation	Installer "-?" command line option shows only English help in all languages
Video	DVD Playback looks jagged
Video	During Video playback in Dual Display Clone mode, switching the primary display from monitor to LVDS or vice-versa or to single display mode crash the application
Video	WMVMC – Some corruption with selected clips
Video	MPEG2VLD - Some issues with repeated playback
2D/3D	MPEG2MC clips show horizontal strips of corruption.
Extended Desktop	CRT monitor flickers badly after hot-plug in S-Video or Composite
Video	Subtitles and Subpictures may not display during DVD playback of MS DVD Test Annex
External Display	Switching from TV to CRT doesn't work with Tv, CRT and LVDS connected
Video	VC1VLD clips cause app to close.
Video	Mode Change hangs the MPEG2 Clips playback on PDVD7/WMP9
2D/3D	[DDraw] Game "Age of Empires II" installs but won't play
2D/3D	D2D score is lower than in-box driver in Crystal Mark 2004 R3
Video	MPEG2MC Sony-ct1.m2v and interlaced clips shows feathered corruption.
2D/3D	[DDraw] Three DD Games dont run correctly
2D/3D	Game "Serious Sam 2" hangs the system.
Power Management	Driver doesn't support different backlight levels from different BIOSs
Video	Playing MPEG2 clips in multiple players(PDVD7,WMP11) at same instant results in unpredictable behavior
2D/3D	3DMark05 - "Batch Size Tests" IERR (SP3)

2D/3D	3DMark06 - "Batch Size Tests" IERR
2D/3D	3DMark06 - "Perlin Noise" Feature Test black-screens
2D/3D	Game "Max Payne" exits after loading.
2D/3D	Peggle - Corruption on game load screen.