



Intel[®] Embedded Graphics Drivers and Video BIOS

Errata

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Revision History

Date	Revision	Description
October 2005	001	Errata updated for Version 4.1 version of the Intel® Embedded Graphics Drivers and Video BIOS.

Introduction

1

The Intel[®] Embedded Graphics Drivers (IEGD) comprise a suite of multi-platform graphics drivers designed to meet the requirements of embedded applications. The drivers run on Embedded Intel[®] Architecture (eIA) chipsets, including the following Intel chipsets:

- Intel[®] 815/815E
- Intel[®] 845GV
- Intel[®] 852GME
- Intel[®] 855GME
- Intel[®] 915GV
- Intel[®] 915GM

1.1 Purpose

This document provides information on open and fixed errata in all supported IEGD packages for Version 4.1 of the IEGD product. It includes information on the following packages:

- Microsoft Windows* XP, Microsoft Windows XP Embedded*, Microsoft Windows 2000*, and Microsoft Windows NT*
- Microsoft Windows CE* .NET (both 4.2 and 5.0 versions)
- Linux (XFree86 and X.org)
- Video BIOS
- Legacy BIOS

1.2 Intended Audience

This document is targeted at all platform and system developers who need to interface with the graphics subsystem. This includes, but is not limited to: platform designers, system BIOS developers, system integrators, original equipment manufacturers, system control application developers, as well as end users.

1.3 Organization

This document is organized as follows:

- Chapter 1, “Introduction” provides an overview of the document.
- Chapter 2, “Errata” lists each of the open and fixed errata.

1.4 Nomenclature

Errata are design defects or errors. These may cause the IEGD behavior to deviate from published specifications. Hardware and software designed to be used with any given stepping must assume that all errata documented for that stepping are present on all devices.

1.5 Codes Used in Summary Table

The tables in [Chapter 2](#) use the following notations:

Doc:	Document change or update will be implemented.
Plan Fix:	This erratum may be fixed in a future stepping of the product.
Fixed:	This erratum has been previously fixed.
No Fix:	There are no plans to fix this erratum.

1.6 Related Documents

The following documents provide additional information on the software and hardware supported by the IEGD.

- *Intel® Embedded Graphics Drivers and Video BIOS User's Guide, Version 4.0*
(Document Number: 274041-005)
- *Mobile Intel® 915PM/GM/GMS and 910GML Express Chipset Datasheet*
(Document Number: 305264-001)
- *Intel® 915G/915GV/915P Express Chipset Datasheet*
(Document Number: 304467-005)
- *Intel® I/O Controller Hub 6 (ICH6) Family Datasheet*
(Document Number: 301473-002)
- *Intel® 815 Chipset Family: 82815 Graphics and Memory Controller Hub (GMCH) Datasheet*
(Order Number: 298351-002)
- *Intel® 845G/845GL/845GV Chipset Datasheet: Intel® 82845G/82845GL/82845GV Graphics and Memory Controller Hub (GMCH)*
(Order Number: 290746-002)
- *Intel® 852GME Chipset GMCH and Intel® 852PM Chipset MCH Datasheet*
(Order Number: 253027-004)
- *Intel® 855GM/GME Chipset Graphics and Memory Controller Hub (GMCH) Datasheet*
(Order Number: 252615-005)
- *Intel® Embedded Graphics Drivers for Embedded Intel® Architecture-based Chipsets Product Brief*
- *Intel® 815 Chipset: Graphics Controller Programmer's Reference Manual (PRM)*
(Order Number: 298237-001)
- *Integrated Dual Independent Display on Intel® Digital Security Surveillance Multifunction Platforms Application Brief*

- *Display Panel Debugging with the Intel Graphics Memory Controller Hub* (Order Number: 305964-001)
- *VESA BIOS Extensions/Display Data Channel Standard*, available at the following website:

<http://www.vesa.org/public/VBE/VBEDDC11.PDF>

This document provides information on the 4F VBE functions, which are supported by the Intel embedded Video BIOS.

- *VESA BIOS Extension (VBE) Core Functions Standard Version 3.0*, available at the following website:

<http://www.vesa.org/public/VBE/vbe3.pdf>

Contains information on the VESA BIOS Extension (VBE) specification for standard software access to graphics display controllers that support resolutions, color depths, and frame buffer organizations beyond the VGA hardware standard.



This chapter summarizes fixed and open errata for the Intel® Embedded Graphics Drivers and Video BIOS.

2.1 Fixed Errata

Table 1 contains a list of errata that has been corrected in current and previous releases of the Intel® Embedded Graphics Drivers and Video BIOS. This list contains both errata reported by customers and errata discovered by internal testing, and not all issues may be reproducible in earlier released versions of the Intel Embedded Graphics Drivers.

Table 1. Fixed Errata (Sheet 1 of 12)

ID	Package	Status	Description
1638076	All	Fixed in 5.0	pcf2iegd will not accept numeric file names
1559215	Linux	Fixed in 5.0	Modes GUI: TV attributes do not show up in Display Attributes Tab when TV is primary display
1638059	Linux	Fixed in 5.0	pcf2iegd tool is not providing the correct EDID options
1657687	Linux	Fixed in 5.0	Noise on DVI output from the Chrontel CH7009
1668794	Linux	Fixed in 5.0	Hardware cursor behaves improperly after disabling and enabling a port when display mode is twin or clone.
1682663	Linux	Fixed in 5.0	Hardware cursor may fail, which prevents X from starting.
1639268	Windows	Fixed in 5.0	WHQL DCT2 GetRenderTargetData-Mip Texture and Cube Texture causes ringbuffer lockup
1639055	Windows	Fixed in 5.0	WHQL DCT2 Auto Generation of Mip Maps causes ringbuffer lockup
1639057	Windows	Fixed in 5.0	WHQL DCT "GetRenderTargetData-BackBuffer and Render Target" causes ringbuffer lockup.
1645981	Windows	Fixed in 5.0	Rotation causes system crash when used on Intel 915GM Chipset based platforms
1659933	Windows	Fixed in 5.0	WHQL DCT2 test memory leakage causes hang/crash on certain test
1643139	WinCE	Fixed in 5.0	Edid setting is not functioning properly for CRT port; when EDID=1, EdidAvail path won't be visited, only EdidNotAvail flag will be used
1647079	WinCE	Fixed in 5.0	In Single mode, if both CRT and DVI monitors are connected to the an Intel 845GV Chipset based system, there will be output to both displays disregard of the value set in PortOrder
1647481	WinCE	Fixed in 5.0	Cannot enable displays in dual LVDS configuration.
1670101	WinCE	Fixed in 5.0	In Vertical Extended mode there will be no output on the secondary display if CRT is set as primary. Dual output works if CRT is set as secondary display.

Table 1. Fixed Errata (Continued) (Sheet 2 of 12)

ID	Package	Status	Description
1670102	WinCE	Fixed in 5.0	Enabling Display Detect causes no display on CRT on platforms based on Intel 915GM or 915GV chipsets.
1684760	WinCE	Fixed in 5.0	DirectDraw tests hang when running Windows CE.NET 4.2 on platforms based on Intel 815 Chipset.
1700512	WinCE	Fixed in 5.0	Displays intermittently enabled when using the IEGD VBIOS and the panel ID from the system BIOS does not exactly match the config ID in the driver.
1701797	WinCE	Fixed in 5.0	Incorrect default for anti-aliasing in video.reg.
1704950	WinCE	Fixed in 5.0	Mouse cursor in any edit field is invisible
1683052	All	Fixed in 4.1	No output from Integrated LVDS when analog signals are not connected to a CRT port.
1646365	Linux	Fixed in 4.1	DPMS does not shut off CRT when in Twin mode with DVI display.
1645497	Linux	Fixed in 4.1	pcf2iegd outputs incorrect PortOrder value; two set of double quotes around PortOrder (e.g. ""5430"").
1642964	Linux	Fixed in 4.1	Switch to X virtual terminal locks system.
1652004	Windows	Fixed in 4.1	SS4.1: Japanese and English XPSP2 cannot display large fonts of english alphabets in notepad.exe.
1649451	Windows	Fixed in 4.1	SS4.1: 3DMark2001 fails with several issues.
1643066	Windows	Fixed in 4.1	3D screensaver on large resolutions LVDS displays in Extended mode generates error message "Could not create the D3D device".
1641976	Windows	Fixed in 4.1	WHQL DCT2 CubeMap causes blank screen on Intel 855GME Chipset based platforms.
1641809	Windows	Fixed in 4.1	3D Mark Performance 2003 hangs when running multiple time on Intel 845GV chipset based platform.
1641088	Windows	Fixed in 4.1	WHQL DCT2 Resource Management - D3D Manage test causes system crash.
1639288	Windows	Fixed in 4.1	WHQL DCT2 MipFilter causing ringbuffer lockup.
1639277	Windows	Fixed in 4.1	WHQL DCT2 Present Validation DX9 (DirtyRegion, Gamma) causes ringbuffer lockup.
1639275	Windows	Fixed in 4.1	WHQL DCT2 VBIB - Vertex and Index Buffer Validation causing ringbuffer lockup.
1639271	Windows	Fixed in 4.1	WHQL DCT2 Texture Stage causes ringbuffer lockup.
1639270	Windows	Fixed in 4.1	WHQL DCT2 Texture Load causes ringbuffer lockup.
1639269	Windows	Fixed in 4.1	WHQL DCT2 Present Validation DX9 (ColorConverting, DoNotWait, LockDoNotWait) causes ringbuffer lockup.
1639054	Windows	Fixed in 4.1	WHQL DCT2 Multiple Render Targets causes Ringbuffer Lockup.
1638584	Windows	Fixed in 4.1	WHQL DCT2 stretch rect test causes hang or reboot
1631046 1631047 1631048	Windows	Fixed in 4.1	D3D apps may hang/lockup on 915GV and 915GM platforms.
1565191	Windows	Fixed in 4.1	Unable to run DirectX 7 Direct3D* Application (bend,lightmap,wbuffer..) in full screen mode when rotated.

Table 1. Fixed Errata (Continued) (Sheet 3 of 12)

ID	Package	Status	Description
1385404	Windows	Fixed in 4.1	WHQL Stability "Display stress" reboots.
1372825	Windows	Fixed in 4.1	WHQL: Failure on DCT9 GDI Win GDI (gmvideo3/b), GUIMAN GDI w/poly & rect clip (gmvideo 6, 6b, 9, 9b).
1173112	Windows	Fixed in 4.1	Setting maximum display resolutions (CRT at 2048x1536x32 and DVO 1280x1024) makes CRT display jitter.
1656640	Windows 2000	Fixed in 4.1	SS4.1: Internal LVDS cannot come on after standby mode.
1657630	VBIOS	Fixed in 4.1	SS4.1: Color palette in BIOS setup screens.
1637523	VBIOS	Fixed in 4.0.1	System hangs when using the VBIOS with the driver, and attempting to switch from Clone mode to Single or Twin mode using displays with resolutions greater than 1024x768.
1620506	Linux	Fixed in 4.0.1	Quitting X freezes display and requires reboot.
1644590	Windows	Fixed in 4.0	3D Screen Saver crashes the PC.
1640621	Windows	Fixed in 4.0	3D screen saver changes 16 bit Extended mode into Twin/Clone mode.
1640618	VBIOS	Fixed in 4.0	Panel backlight flashing when changing modes.
1639439	Windows	Fixed in 4.0	Missing cursor on clone display when FUNC 1 is disabled.
1639273	Windows	Fixed in 4.0	WHQL DCT2 Buffered Blits causing ringbuffer lockup.
1638673	Linux	Fixed in 4.0	Default value for EDID option is incorrect.
1638672	Windows	Fixed in 4.0	Windows error message when coming out of 3D screensaver mode.
1638061	Windows	Fixed in 4.0	Ring buffer lockup when running 3D text screensaver in twin mode on Intel 845GV Chipset.
1638052	Windows	Fixed in 4.0	WHQL D3D point sprites test causes platform reboot.
1638033	Windows	Fixed in 4.0	WHQL D3D non power 2 cond. render target test causes platform reboot.
1638021	Windows CE .NET	Fixed in 4.0	CETK: Numerous DirectDraw test failures.
1637385	Linux	Fixed in 4.0	Driver always reads ConfigId=2 regardless of the ConfigId setting.
1637356	VBIOS	Fixed in 4.0	Incorrect modes allowed with EDID displays.
1636988	Windows	Fixed in 4.0	WHQL: Access Violation when running D3D Cubemap.
1636777	VBIOS	Fixed in 4.0	Internal LVDS flashes during boot on some platforms.
1635342	Windows	Fixed in 4.0	pcf2iegd tool outputs incorrect setting for PcfVersion key.
1635340	Windows	Fixed in 4.0	User-specified DTDs not recognized with EdidNotAvail setting.
1635260	VBIOS	Fixed in 4.0	Internal LVDS on Intel 915GM chipset using 1400 x 1050 panel fails to display VGA modes and fails to scale VESA modes.
1635257	Windows	Fixed in 4.0	May see display corruption when PCI graphic is primary display.

Table 1. Fixed Errata (Continued) (Sheet 4 of 12)

ID	Package	Status	Description
1635218	VBIOS	Fixed in 4.0	Incorrect colors with VGA modes on CH7307 DVI panel.
1635094	VBIOS	Fixed in 4.0	640x480 VESA modes not usable on CH7307 DVI panel.
1635092	Linux	Fixed in 4.0	Hardware cursor fails to initialize on Intel 915GM Chipset.
1635083	Linux	Fixed in 4.0	DVI Display may have unexpected behavior using CH7307.
1635076	VBIOS	Fixed in 4.0	VBIOS build fails if there is no PD section in the PCF file.
1634779	Windows	Fixed in 4.0	WHQL Direct3D test 'Get DC' shows corruption in non shell area.
1633839	Windows	Fixed in 4.0	WHQL D3D test causes system reboot.
1633379	VBIOS	Fixed in 4.0	Common To Port may not function as expected.
1633307	Windows	Fixed in 4.0	Output corrupted when in clone or extended mode using internal LVDS on 855/852 platforms.
1633200	VBIOS	Fixed in 4.0	Flickering occurs when mode set / mode change is done on certain flat panel displays.
1633150	Linux	Fixed in 4.0	pcf2iegd does not providing the correct EDID option value for the XF86Config file.
1631422	Windows CE .NET	Fixed in 4.0	Display Discovery does not operate as expected when in vertical extended mode.
1631418	Windows CE .NET	Fixed in 4.0	In vertical extended mode resolutions will always fall back to 640x960 even when other resolutions are set.
1631133	VBIOS	Fixed in 4.0	SDVO not working properly on 915GV and 915GM platforms using CH7307*.
1631063	Windows	Fixed in 4.0	System hangs after wake up from S1 when running certain D3D applications.
1631053	Windows	Fixed in 4.0	Rotation causing corruption on 915GV and 915GM platforms.
1631049	Windows	Fixed in 4.0	Game 4(nature) failure in 3DMark01 on 915GV and 915GM platforms.
1630050	Windows, Linux, Windows CE .NET	Fixed in 4.0	Not able to wake from D0 state on secondary display using CH7307*.
1629740	Windows	Fixed in 4.0	LVDS flat panel flickering in 800x600 and 640x480 on NS2501*.
1629571	VBIOS	Fixed in 4.0	All VESA modes have scrambled display using default settings on 915GV platform.
1629518	VBIOS	Fixed in 4.0	Erroneous sample.pcf file for 915GV and 915GM.
1629517	VBIOS	Fixed in 4.0	Unable to load default TSR on 915GV and 915GM.
1629105	VBIOS	Fixed in 4.0	VESA Mode 103 4f01 returns incorrect Pitch information on 915GM.
1627899	VBIOS	Fixed in 4.0	Failed to display on 14x10 LVDS panel using CH7017*.
1627896	VBIOS	Fixed in 4.0	Unable to use specified DTD timings defined in PCF file.
1627767	Windows	Fixed in 4.0	WHQL Fast User Switching Tests - D3D, DDRAW, DVD, Video fails.

Table 1. Fixed Errata (Continued) (Sheet 5 of 12)

ID	Package	Status	Description
1626425	VBIOS	Fixed in 4.0	Incorrect timings being used by VBIOS when turning on LVDS.
1626104	Linux	Fixed in 4.0	Unable to change modes or get driver configuration information using LPortCtl when using TV output on an Intel 855GME Chipset with hardware cursor enabled.
1626098	VBIOS	Fixed in 4.0	Display is available on CRT but not on the built-in flat panel connected to the NS2501*.
1624794	Windows	Fixed in 4.0	Driver does not operate with PCI graphics card on Intl 855GME Chipset.
1624785	Windows	Fixed in 4.0	System may hang while rotating in Clone and Twin mode.
1621467	Linux	Fixed in 4.0	X crashes when cycling mode while display is rotated.
1618050	VBIOS	Fixed in 4.0	Option ROM may utilize invalid memory location in System BIOS.
1617602	VBIOS	Fixed in 4.0	Intel 5F01 returns incorrect build version returned when using 852GME platform.
1616000	Windows	Fixed in 4.0	TV Modes not persistent with CH7009.
1615799	VBIOS	Fixed in 4.0	Windows XP will not boot when using TH164 for secondary display.
1615627	VBIOS	Fixed in 4.0	Cursor in DOS Edit.com is out of place when in overwrite mode.
1615213	ALL	Fixed in 4.0	Sii164 port driver has input clock edge inverted.
1615210	VBIOS	Fixed in 4.0	Cannot build LVDS + CH7017.
1611889	Windows	Fixed in 4.0	Collapse of the Screen saver image running with .NET Framework
1611055	Windows	Fixed in 4.0	Display Discovery does not work after resuming from Standby and Hibernate mode
1603268	Windows	Fixed in 4.0	Cannot set TV attributes on CH7009 for Component PAL output
1601245	Windows	Fixed in 4.0	Some JAVA applications may not appear properly
1600158	Linux	Fixed in 4.0	Switching to Virtual terminal when LVDS is enabled may hang machine.
1598381	VBIOS	Fixed in 4.0	Missing files in the Makefile.
1595993	VBIOS	Fixed in 4.0	Intel 5F05 cannot Set Refresh Rates to VESA modes; Get Valid Refresh Rates does not return correct values.
1584767	Linux	Fixed in 4.0	Driver will not display on EDID-less panel after starting X.
1583651	Linux, Windows, Windows CE .NET	Fixed in 4.0	Sync Polarity settings inverted for LVDS (1 is low and 0 is high)
1582241	VBIOS	Fixed in 4.0	May get blank screen on secondary display of CH7017 in Windows 2000
1581355	Windows	Fixed in 4.0	Graphics driver hangs after being left untouched for extended hours in high CPU utilization
1580524	VBIOS	Fixed in 4.0	TV Output on CH7009 will not enable
1579686	VBIOS	Fixed in 4.0	800 x 600 modes available even if EDIDless panel is configured for 640 x 480 timings

Table 1. Fixed Errata (Continued) (Sheet 6 of 12)

ID	Package	Status	Description
1579560	Linux, Windows, Windows CE .NET	Fixed in 4.0	EDID parsing setting incorrect modes for established timings
1579363	VBIOS	Fixed in 4.0	VESA 4F01h incorrectly allows support for VESA Text Modes
1579263	Linux, Windows, Windows CE .NET	Fixed in 4.0	Backlight may not properly awake from S4
1579111	Windows CE .NET	Fixed in 4.0	Fail-Safe Mechanism is not available for LVDS configuration if configuration is not exactly correct
1579107	Windows CE .NET	Fixed in 4.0	Cannot set LVDS attributes in different configuration blocks
1577667	VBIOS	Fixed in 4.0	NS2501* fails to turn on 1400x1050 LVDS panel
1577586	Linux, Windows, Windows CE .NET	Fixed in 4.0	Single/dual attribute setting on internal LVDS does not properly adjust clock speed
1572988	Windows	Fixed in 4.0	May see distortion on LVDS panel using NS2501 in twin mode configuration
1572570	Windows	Fixed in 4.0	Secondary display may not enable after reboot, but restores after S3/S4
1570637	Windows	Fixed in 4.0	Blank screen on secondary display after recover from 3D screen saver
1568124	Windows	Fixed in 4.0	Clone / Twin Mode Will Not Work With Some Display Combinations
1567994	Linux	Fixed in 4.0	pcf21egd utility provides incorrect setting for VideoKey option
1567940 1582247 1582232	Linux, Windows, Windows CE .NET	Fixed in 4.0	Simultaneous output on CH7017 (LVDS and TVOUT) does not work
1566347 1566349	Linux	Fixed in 4.0	Modes GUI: On platform with Intel 815E chipset GUI may intermittently hang
1566346	Linux	Fixed in 4.0	Modes GUI: On platform with Intel 815E chipset the system will hang if try to disable primary port
1564092	Windows CE .NET	Fixed in 4.0	CETK: DirectDraw tests, 6 tests failed
1563926	Windows	Fixed in 4.0	Escape function TestEnablePort causes corruption on the secondary display
1563912	Windows	Fixed in 4.0	Rotation will crash the secondary display in Extended mode
1563695	Windows	Fixed in 4.0	Flicker/flashing may occur when recovering from hibernation mode
1563132	Windows CE .NET	Fixed in 4.0	May not see I2C Activity when WinCE driver is loaded
1562438	Linux	Fixed in 4.0	LPortCtl utility crashes when setting TV attributes

Table 1. Fixed Errata (Continued) (Sheet 7 of 12)

ID	Package	Status	Description
1562072	Linux, Windows, VBIOS	Fixed in 4.0	PCF does not allow comments on same line as setting
1561937	Linux	Fixed in 4.0	Modes GUI: On platform with Intel 815E chipset not able to set H-Pos and V-Pos attributes
1561623	Linux	Fixed in 4.0	Modes GUI: Horizontal and Vertical Position Attributes may not properly operate
1561138	VBIOS	Fixed in 4.0	Video noise problem on 15 inch LVDS displays
1559209	Linux	Fixed in 4.0	Cursor out of sync on displays in clone mode with different sized displays
1559149	Linux	Fixed in 4.0	Incorrect operation of panning in clone mode with different sized displays and software cursor is enabled
1557806	Windows	Fixed in 4.0	Modes GUI: Screen Resolution slider reset back to 640 x 480 x 8-bit color after rotated to 90 or 270, and change mode
1557077	Windows	Fixed in 4.0	Modes GUI: On lower resolutions pull-down menus will extend outside of viewable screen size.
1554134 1561606 1561613	Windows	Fixed in 4.0	Intermittent distortions and incorrect operation when screen rotated
1552512	Linux	Fixed in 4.0	Modes GUI: TV attributes can be set but return to default values after changing the display mode.
1552501	Windows, Linux, Windows CE .NET	Fixed in 4.0	Internal graphics may not operate properly as secondary to PCI graphics card
1544422	Linux	Fixed in 4.0	Formatting errors and incomplete device options example on man page
1542846 1542845	Linux	Fixed in 4.0	IntelPortCtlGetDisplayConfig not functioning properly
1439905	Windows CE .NET	Fixed in 4.0	Display discovery feature may not properly detect displays
1438937	Windows CE .NET	Fixed in 4.0	Taskbar missing in twin mode with 1280x1024 LVDS on CH7009
1436081	Windows	Fixed in 4.0	Will not rotate when display in 640X480 @ 8bpp
1433554	Windows	Fixed in 4.0	WHQL: Case 45: BLT, Stretch(width only), SRCKEY, VMem to pri(TC 3.6.?) Failed
1430619	Windows	Fixed in 4.0	Usestdtimings set to off does not restrict available modes to those specified in INF
1426770	Windows CE .NET	Fixed in 4.0	CETK: Failures in Direct Draw Test, tests Blt and ColorKey Blt
1405807	Windows	Fixed in 4.0	3D screen savers not operating properly in Extended desktop mode
1403535	Linux	Fixed in 4.0	Screen flickers when in panning mode
1400663	Windows	Fixed in 4.0	Switching from Clone/Twin to Extended mode may have unpredictable results

Table 1. Fixed Errata (Continued) (Sheet 8 of 12)

ID	Package	Status	Description
1400412	Windows	Fixed in 4.0	3D screen saver may fail in dual EDIDless panels configuration
1395176	Windows	Fixed in 4.0	WHQL DCTDX9: Direct Draw ->Blt- Stretch - Vmem to Primary failed in Windows XP on Intel 915GV Chipset
1395127	Windows	Fixed in 4.0	WHQL DCT2: PC99TA 6.8.1-6 under General causing reboot on Intel 915GV Chipset
1391756	Windows	Fixed in 4.0	WHQL: DCT300 BLT Stretch(width only) x 1.5, to Pri(TC 3.6.51-52) tests terminate abnormally
1390776	Windows	Fixed in 4.0	DOS full screen mode goes blank (black) with secondary display from PCI graphics card
1390765	Linux	Fixed in 4.0	Playing mpeg file in 8bpp with NS387 card does not properly operate
1389492	Windows	Fixed in 4.0	Display Properties does not show correct resolution mode and color after installation of modified INF to enable rotation
1388778	Windows	Fixed in 4.0	Unable to run DX7 SDK multimon in 90,180, and 270 rotation mode
1387667	Windows	Fixed in 4.0	WHQL: Fails DCT9 DirectDraw* Blt-Exotic tests with pixel mismatch
1387331	VBIOS	Fixed in 4.0	VESA 4F15h may be unable to read EDID from DVI panels
1385497	Windows	Fixed in 4.0	WHQL: Direct3D stability tests causes Direct3D Invalid Parameters error occurs
1385480	Windows CE .NET	Fixed in 4.0	In some cases no system taskbar in for clone configuration (CRT+TV) with CH7009
1377761	Linux	Fixed in 4.0	MPlayer video screen goes blank when resized
1372837	Windows	Fixed in 4.0	Distortion on Task bar & Application buttons when changing color depth modes on Windows NT
1369463	Linux	Fixed in 4.0	Movies cannot be played correctly when display is rotated
1257478	VBIOS	Fixed in 4.0	UBS Parameter START_BOOT_MODE cannot be set. Mode is always set to 0x2
1255795	Windows	Fixed in 4.0	WHQL: Windows NT DCT300 fails PC97_(19)Transparent Blter test
1255374	Windows	Fixed in 4.0	WHQL: DCT9 General Ratetest failure
1253034	Windows	Fixed in 4.0	WHQL: DCT300 BLT Stretch(width only) x 1.5, VMem to Pri(TC 3.6.51-52) generates Exception: access violation
1245126	Linux	Fixed in 4.0	Running XPERF on second screen causes system to hang
1240485	Linux, Windows, Windows CE .NET	Fixed in 4.0	Issues with Reentrancy and Synchronizing access to Ring buffer(s)
1212185	Windows CE .NET	Fixed in 4.0	Blend function does not handle negative coordinates
1206267	Windows	Fixed in 4.0	Resolutions available that are greater than what the chipset supports
1200120	Windows	Fixed in 4.0	WHQL: Subtest fails - PC99TA 6.8.5 Qual Scaling Cons.

Table 1. Fixed Errata (Continued) (Sheet 9 of 12)

ID	Package	Status	Description
1199939	Linux	Fixed in 4.0	XTEST: Height Width Mismatched
1195074	VBIOS	Fixed in 4.0	No output to LVDS on NS2501* and NS387* on platform with Intel 845GV Chipset
1171731	Windows	Fixed in 4.0	WHQL: Certain DCT 450a tests fail after running after other tests, but pass when running standalone
1580212	Linux	Fixed in 3.4	System hangs after exiting X
1578268	Windows	Fixed in 3.4	Only first resolution in EDID is reported by driver after reboot
1575168	Windows	Fixed in 3.4	Fading effect upon returning from hibernate
1573622	Windows	Fixed in 3.4	White screen for 1-2 seconds after returning from standby
1572720	Linux	Fixed in 3.4	White or black rectangle is displayed
1572717	Windows	Fixed in 3.4	CRT not enabled when connected in parallel to a flat panel
1572716	Linux	Fixed in 3.4	CRT, connected in parallel to a flat panel, displays only a black screen
1571967	Windows CE .NET	Fixed in 3.4	Not able to load to target system properly, blank screen on the target system
1569634	Windows	Fixed in 3.4	Setting twin or clone with CH7017* causes reboot or hang when display 2 is set to primary
1569602	Windows	Fixed in 3.4	Unable to resume from S1 in DOS full screen mode
1569562	Windows	Fixed in 3.4	Switching between Extended/Clone causes mouse to disappear
1569238	Windows	Fixed in 3.4	ACPI fails to resume back from S1
1568152	Linux	Fixed in 3.4	White screen when exiting X
1568127	Windows	Fixed in 3.4	Position Of Icons / Task Bar Will Move After Changing Primary Display
1568126	Windows	Fixed in 3.4	With Some Displays Illegal Options Are Available Under Display Properties
1568119	Windows	Fixed in 3.4	System Goes From Clone Back To Extend Mode If Change Is Not Accepted
1568047	Windows	Fixed in 3.4	When system goes into S1 or S3 standby, the Chrontel* chip (CH7301C*) does not become active
1568031	Windows	Fixed in 3.4	No cursor on cloned display if internal LVDS is primary
1566514	Windows	Fixed in 3.4	ACPI fails to resume back from S3
1566508	Windows	Fixed in 3.4	Failure to switch mode to Twin on Internal LVDS
1566355 1565405 1562471	Windows	Fixed in 3.4	Unable to set the display resolution to the DTD Timing specified in INF file
1565151	Linux	Fixed in 3.4	Support 1920 x 1088 image size without buffer overflow (Xv* in Linux)
1562406	Linux, Windows, Windows CE .NET*	Fixed in 3.4	CRT H/VSYNC still running when CRT is not in port order

Table 1. Fixed Errata (Continued) (Sheet 10 of 12)

ID	Package	Status	Description
1561538	Windows	Fixed in 3.4	New DTD cannot be added when "flag" is set to value with "bit 3" set
1561537	Windows	Fixed in 3.4	Usestdtimings setting is ignored and will override the internal mode table
1561123	Windows CE .NET	Fixed in 3.4	Specified DTDs not working for EDIDless displays
1560588	Windows	Fixed in 3.4	Colors inverted on platforms with Intel 815E Chipset (Active Order Data bit)
1560557	Windows	Fixed in 3.4	Mouse cursor disappears after S1 resume in Clone mode
1560555	Windows	Fixed in 3.4	Ghost image seen with DriectDraw implementation in grayscales
1559621	Windows	Fixed in 3.4	Monitors do not turn off when Power Management enabled
1559617	Windows	Fixed in 3.4	EDID Data is not recognized
1557608	Windows CE .NET	Fixed in 3.4	Colortable.cpp error occurs
1557074	Linux	Fixed in 3.4	Miscellaneous display corruption
1556645	Windows	Fixed in 3.4	Screen distortion at taskbar when the display screen resolution set to 1280 X 1024.
1556644	Windows	Fixed in 3.4	Failed to turn on Secondary display, screen corrupted when attached the extended display
1555886	Linux	Fixed in 3.4	Hardware Cursor coordinates out of sync with display plane when display is rotated and in panning mode
1555831	Windows CE .NET	Fixed in 3.4	Unable to load on target platform
1553611 1543752	Windows	Fixed in 3.4	Failed ILT test: Failed to run WinBench 99 application.
1553610	Windows	Fixed in 3.4	Failed to set display mode in "256" color
1552502	Linux	Fixed in 3.4	Driver will not retrieve EDID-data from DVO port
1549080	Windows	Fixed in 3.4	"Invalid Display Settings" error pop-up when no ADD Card is present
1548990	Linux	Fixed in 3.4	Hardware Cursor Initialization Failure
1543751	Windows	Fixed in 3.4	Unable to change mode in Extended display (system hang).
1543715	Linux	Fixed in 3.4	Startx will not start in the 8-bit mode with software cursor on
1542740	Windows	Fixed in 3.4	Failed rotation and flip test
1542211	Windows	Fixed in 3.4	TestMultiDisplay switches current Single Mode to Twin Mode
1440975	Windows	Fixed in 3.4	DVI on CH7009* does not activate from sleep when primary
1439904 1561790	Linux	Fixed in 3.4	Cannot start X* on Internal LVDS
1439893	Linux	Fixed in 3.4	Switching mode to TWIN or CLONE using port control function causes mouse cursor disappear

Table 1. Fixed Errata (Continued) (Sheet 11 of 12)

ID	Package	Status	Description
1439241	Linux	Fixed in 3.4	Secondary display using the Ch7009 does not wake up after deep sleep.
1439026	Windows	Fixed in 3.4	TV failed to turn on with CRT+TV combination in -twin mode.
1437103	Windows	Fixed in 3.4	Random characters on display when waking from S1
1436964	Linux	Fixed in 3.4	Failures where starting X
1435080	Linux	Fixed in 3.4	Output polarity does not follow EDID.bin polarity settings
1434483	Windows	Fixed in 3.4	Failures on negative ACPI testing on Windows
1433867	Windows	Fixed in 3.4	Screen resolution automatically set to 1280x1024x32 at first boot after the display driver is installed
1432657	Windows	Fixed in 3.4	Internal LVDS backlight control failure
1426777	Windows CE .NET	Fixed in 3.4	Cannot turn on internal LVDS
1426688	Windows	Fixed in 3.4	Dialog boxes do not refresh when display is rotated
1426234	Linux	Fixed in 3.4	Hardware Cursor shows colored shadow when playing movies
1405913	Windows	Fixed in 3.4	System crashes after switching few times in between different 3D screen savers
1405820	Windows	Fixed in 3.4	Incorrect Driver version returned by Driver
1401445	Windows	Fixed in 3.4	System hangs when TV Out is enabled on FS454* in Twin mode
1400349	Windows	Fixed in 3.4	Primary Display Mouse can disappear after changing resolutions
1390728	Linux	Fixed in 3.4	Display corruption at 8bpp color depth at DIH configuration
1379141	Linux	Fixed in 3.4	When in clone mode, secondary display is fuzzy if display mode specified for primary display is smaller than display mode specified for secondary display
1378136	Linux	Fixed in 3.4	Mouse cursor does not function well with Xinerama* mode
1255358	Linux	Fixed in 3.4	Driver may not build a correct mode table for XFree86* version 4.2
1254678	Linux, Windows, Windows CE .NET	Fixed in 3.4	Conexant 873* Port Driver incorrectly resets default attributes
1232777	Linux	Fixed in 3.4	Xvideo* Blending on Intel 845GV Chipset
1187709	Linux	Fixed in 3.4	Passing an out of range number to an attribute in PortCtl sets the attribute
1171474	Linux	Fixed in 3.4	x11perf hung with CPU spiked on Intel 845GV Chipset
1159730	Linux	Fixed in 3.4	XTEST: Minor pixel compare failures during xtest suite execution.
1577662	VBIOS	Fixed in 3.2.1	Default VGA.bin file does not include TH164 support
1563699	VBIOS	Fixed in 3.2.1	White screen may display on LVDS during POST

Table 1. Fixed Errata (Continued) (Sheet 12 of 12)

ID	Package	Status	Description
1390383	VBIOS	Fixed in 3.2.1	Chrontel 7009 unable to display to CRT+EFP2 in VESA Modes
1385185	VBIOS	Fixed in 3.2.1	VESA Core function 06h is not available
1385184 1436031	VBIOS	Fixed in 3.2.1	Performing multiple simultaneous VGA mode switches may cause display to black out.
1385183	VBIOS	Fixed in 3.2.1	VESA power management functions are not enabled in the default VGA.bin file

2.2 Open Errata

Table 2 contains a list of known open errata in the Intel Embedded Graphics Drivers and Video BIOS Version 4.1. Errata highlighted in yellow have been carried over from a previous release. This list contains both errata reported by customers and errata discovered by internal testing, and not all issues may be reproducible in earlier released versions of the Intel Embedded Graphics Drivers.

Table 2. Open Errata (Sheet 1 of 7)

ID	Package	Status	Priority	Description
1657685	All	Plan Fix	High	SCART and overscan modes not working on Chronitel CH7009
1637381	All	HW Issue – No Fix		Some revisions of CH7307 may not work with earlier revisions of the Intel 915GV and 915GM Chipsets
1737820	Linux	Plan Fix	Critical	File /usr/X11R6/lib/libXiegd_escape missing from release
1700158	Linux	Plan Fix	High	Failure when running XTEST::XResizeWindow in XTEST suite
1683053	Linux, Windows	Plan Fix	Medium	Should not be able to disable Macrovision from GUI (applicable to all TV encoders).
1699171	Linux	Plan Fix	High	Display Detect enabled is not activating ports as expected, and disconnected display are still activated.
1669726	Linux	Plan Fix	High	Text has blurry rendering with RENDER extension in X on platforms based on Intel 915GV and 915GM chipsets.
1668043	Linux	Plan Fix	High	Color corruption may occur on secondary display when bit depth is 8 when cycling the display mode on the primary display.
1647507	Linux	Plan Fix	High	Starting Xserver with SDVO in Twin mode on Intel 915GM chipset is not working when CRT is primary
1647509	Linux	Plan Fix	High	Starting Xserver with SDVO in Clone mode on Intel 915GM chipset is not working when CRT is primary
1647512	Linux	Plan Fix	High	Starting Xserver with SDVO in DIH mode on Intel 915GM chipset is not working when CRT is primary
1649481	Linux	Plan Fix	High	After numerous terminal switching, display switches off
1655039	Linux	Plan Fix	High	On platforms with Intel 855GME chipset, system crashes when quitting X with Ctrl-C at virtual terminal
1646387	Linux	Plan Fix	High	Fail to play XVideo in Fedora on Intel 915GM Chipset based platforms
1641788	Linux	Plan Fix	Medium	No display in Single mode with CH7307C* on SDVO-B and Display Detection is enabled

Table 2. Open Errata (Continued) (Sheet 2 of 7)

ID	Package	Status	Priority	Description
1641748	Linux	Plan Fix	High	Edid_avail settings not working properly for SDVO-B on Intel 915GV Chipset based platform
1641292	Linux	Plan Fix	Medium	No display on TV with FS454* on Intel 845GV Chipset based platform
1641278	Linux	Plan Fix	High	X server crashes when toggling between console and X
1640396	Linux	Plan Fix	Medium	pcf2iegd outputs invalid default value (-1) for rotation if not specified in the PCF file
1637448	Linux	Plan Fix	Medium	Driver does not read any EDID-x.bin file when invalid ConfigId is specified
1634719	Linux	Plan Fix	High	X may not start in extended mode with CRT + DVO-B on Intel 915GV Chipset
1565227	Linux	Plan Fix	Medium	Modes GUI: Segmentation Fault occurs after moving slider controls for TV attributes and clicking Apply button multiple times
1560172	Linux	Plan Fix	Medium	Modes GUI: Bit depth of current mode is not updated in Display Status
1560171	Linux	Plan Fix	Medium	Modes GUI: Reports inaccurate resolution for secondary display when in clone mode
1737328	VBIOS	Plan Fix	Critical	Cannot enter to CMOS setup screen when using VBIOS
1669334	VBIOS	Plan Fix	High	Vesa Power 4f10h function unable to turn off secondary displays for TWIN / CLONE.
1657633	VBIOS	Plan Fix	High	Table of detected devices when in verbose mode is not displaying numeric values
1662723	VBIOS	Plan Fix	Medium	Post messages do not display when the post_dislay_msg setting is set to ENABLE
1665572	VBIOS	Plan Fix	High	Non Maskable Interrupt Event does not seem to be properly handled by the VBIOS
1645430	VBIOS	Plan Fix	High	VBIOS may hang in an infinite loop with certain Phoenix System BIOS.
1639147	VBIOS	Plan Fix	Medium	No display using FS454.
1637553	VBIOS	Plan Fix	High	Incorrect Config ID returned from VBIOS when 5f40h Hook not implemented in system BIOS.
1637376	VBIOS	Plan Fix	High	Unable to read EDID from panel with Intel 915GM or 915GV Chipsets.
1637369	VBIOS	Plan Fix	Medium	pcf2iegd does not use specified default Config ID.
1636775	VBIOS	Plan Fix	Medium	TSR does not allow CH7308 as secondary panel in Clone Mode
1636461	VBIOS	Plan Fix	Medium	TSR does not enable CH7307 output
1633380	VBIOS	HW Issue – No Fix		May not get Serial DVO output on early stepping of the Intel 915GV chipset
1595988	VBIOS	No Fix		Not able to Boot to Windows 98 with default drivers
1583040	VBIOS	No Fix		Running Multiple TSR causes memory allocation error

Table 2. Open Errata (Continued) (Sheet 3 of 7)

ID	Package	Status	Priority	Description
1388541	VBIOS	Plan Fix	Medium	Windows Safe Mode output is not centered
1623980	VBIOS 3.2.1	No Fix		Fails to enter Linux X desktop more than once using VESA X driver
1600696	VBIOS 3.2.1	No Fix	High	Windows XP* logo has a shaky display on certain 17 inch flat panels
1579401	VBIOS 3.2.1	No Fix		Vendor Strings and Build number are not as expected
1736984	Windows	Plan Fix	High	Display will not properly center in clone modes with display on National Semiconductor NS387R transmitter
1706170	Windows	Plan Fix	Critical	System will not resume from standby on Intel 915GM/915GV chipsets
1705989	Windows	Plan Fix	Critical	3DMARK 01 / 3DMARK03 tests causes the ringbuffer lockup on Intel 915GV Chipsets
1705977	Windows	Plan Fix	High	Hardware cursor does not rotation properly with the display
1705920	Windows	Plan Fix	Critical	Playing movie in Windows 2000 will cause system restart
1701796	Windows	Plan Fix	High	CRT RGB lines remain active when going into hibernation.
1698945	Windows	Plan Fix	High	3D Mark Performance 2003 hang when running multiple time on platforms based on Intel 845GV Chipset.
1698941	Windows	Plan Fix	High	System may fail to wake from hibernation if 3D application was running prior to hibernation.
1698023	Windows	No Fix -- OS Issue	High	System unable go to standby or hibernate while 3D screen saver is running.
1697970	Windows	Plan Fix	High	Driver may have slow performance until a mode change occurs, at which time driver performs normally.
1684500	Windows	Plan Fix	Medium	WHQL Ratetest fails on Windows 2000 and platforms based on Intel 845GV Chipset.
1684498	Windows	Plan Fix	Medium	WHQL Bit- Stretch- Color Key -Vid to Primary fails on platforms based on Intel 915GM Chipset.
1684494	Windows	Plan Fix	Medium	WHQL Bit- Basic- VMem to Primary fails on some platforms.
1684492	Windows	Plan Fix	Medium	WHQL test Bit- Exotic fails on some platforms.
1683533	Windows	Plan Fix	High	3D Mark 2001 Application Crash on 852GM (Sank Tank).
1682219	Windows	Plan Fix	Medium	WHQL DCT2 stretch rect test runs very slowly.
1670160	Windows	Plan Fix	High	3D MARK 2003 has color corruption on platforms based on Intel 915GM or 915GV chipsets.
1669374	Windows	Plan Fix	Medium	Twin mode with LVDS from a non-scaling DVO transmitter fails.
1669371	Windows	Plan Fix	High	D3D test: Non Power 2 Conditional Render Target cause system to reboot.

Table 2. Open Errata (Continued) (Sheet 4 of 7)

ID	Package	Status	Priority	Description
1668060	Windows	Plan Fix	Medium	WHQL Failure - Bit Unused Pixel Bits onon platforms based on Intel 855GME or Intel 915GV chipsets.
1668058	Windows	Plan Fix	Medium	WHQL failure - Bit-Color Key - Vmem to Primary on platforms based on Intel 855GME or Intel 915GV chipsets.
1645015	Windows	Plan Fix	High	Cannot scan I2C Interface via ExtEscape to determine connected devices due to incorrect return values
1645012	Windows	Plan Fix	High	Microsoft* Hardware Compatibility Test (HCT) Fails
1643377	Windows	Plan Fix	High	WHQL D3D Tests failing on Intel 855GME Chipset based platforms
1631201	Windows	Plan Fix	Medium	Changing TV format using GUI causes output corruption
1618340	Windows	Plan Fix	High	Cannot change from Clone mode to Extended mode (previously listed as: Mouse disappears when changing from Clone mode to Extended mode)
1606349	Windows	No Fix		Setup.exe allows installation over an existing driver installation
1606347	Windows	No Fix		Setup.exe uninstall allows uninstall of previous versions of IEGD
1606344	Windows	No Fix		Setup.exe uninstall may not remove all necessary registry settings
1598410	Windows	No Fix		Extended mode box still checked in Display Properties when in Clone mode
1598407	Windows	No Fix		Too many WHQL* Continue prompts with installer
1598405	Windows	No Fix	Medium	Mode labels in GUI not refreshing when invalid mode selected
1575722	Windows	Plan Fix	High	Switching primary and secondary displays in clone and twin modes may not properly operate
1575550	Windows	No Fix	Medium	Display Detection may not correctly detect displays when in Clone or Twin modes
1572675	Windows	Plan Fix	High	On CH7009 may be unable to set the display resolution for specified DTDs
1571611	Windows	No Fix		When setting invalid twin mode, capability to set extended mode is lost
1568475	Windows	No Fix		Windows Installer displays garbled license agreement if license agreement file is renamed
1565192	Windows	No Fix		DirectX* 7 Multimon not display properly in rotation
1560151	Windows	OS Issue – No Fix		Some overlay surface types are missing in Windows 2000* when using PCI graphics card
1558697	Windows	No Fix		Unable to turn of Dual DVO display with CH7017, with occasional failure in detecting second port
1557711	Windows	Plan Fix	Medium	WHQL*: FoxBear, blue line at the upper section when change mode (F6)

Table 2. Open Errata (Continued) (Sheet 5 of 7)

ID	Package	Status	Priority	Description
1552503	Windows	No Fix		Driver does not support for 480x234 VGA device
1441172	Windows	No Fix		WHQL: Failed "Ratetest" under General in DCT II 2.5.2.42 using DirectX 9.0c.
1433556	Windows	No Fix		WHQL: Case 36: BLT, Stretch, SRCKEY, VMem to primary (TC 3.6.?) of DCT300 Failed
1433553	Windows	Plan Fix	Medium	WHQL: Failed Video Memory Management Tests of WHQL DCT II DirectDraw.
1426678	Windows	No Fix		Multimon* test failures in DirectDraw* SDK7.1
1404261	Windows	Plan Fix	Medium	WHQL: Case 13: VMEM - Rand Create/Release surfaces 100X Test(TC 6.1.3) of WHQL DCT300 failed.
1395175	Windows	No Fix		WHQL DCTDX9: Direct Draw ->Blt- Stretch- Color Key -Vid to Primary failed in Windows XP on Intel 915GV Chipset
1393694	Windows	Plan Fix	Medium	Rotating one display in Extended mode may not properly operate
1390778	Windows	No Fix		Unable to turn off the detached display with the presence of PCI graphics card
1390777	Windows	Plan Fix	Medium	WHQL: Direct3D tests fail only on Windows 2000
1387325	Windows	Plan Fix	Medium	WHQL: DCT300 generates "OTHR" results for multiple BLT tests on Windows NT
1387322	Windows	No Fix		WHQL: DCT 300 BLT,Stretch(width only), SRCKEY, VMem to pri(TC 3.6.?) fails
1385454	Windows	No Fix		WHQL: DCT300 returns "OTHR" results for BLT test
1385204	Windows	No Fix		WHQL: Direct3D compatibility test EnhancedMesh and Overfly fails
1385202	Windows	Plan Fix	Medium	WHQL: Direct3D tests DolphinVS of DirectX 9 SDK failed in Windows XP* and Windows 2000
1385200	Windows	Plan Fix	Medium	WHQL: Some Direct3D failures in Windows XP and Windows 2000
1378225	Windows	Plan Fix	High	WHQL: Fails DCT9 General INF check
1256317	Windows	No Fix		WHQL: NT on 855 fail DCT 300 BLT,Stretch(width only), SRCKEY, VMem to pri(TC 3.6.?)
1255797	Windows	No Fix		WHQL: Windows NT* DCT300 fails Video Memory VMEM - Create/Verify All Memory Types (TC ??)
1255385	Windows	No Fix		WHQL: Windows NT fails DCT300 Blt Test BLT Color Fill SysMem(TC 3.6.57).
1255383	Windows	No Fix		WHQL: Windows NT generates "OTHR" results when running certain DCT300 BLT tests.
1251116	Windows	No Fix		Inability to retrieve previous setting of the graphics drivers after CD recovery of the Operating System.
1244736	Windows	No Fix		WHQL: Failure on Windows NT - DT300 BLT and VMem tests.

Table 2. Open Errata (Continued) (Sheet 6 of 7)

ID	Package	Status	Priority	Description
1232317	Windows	No Fix		WHQL: Failure on DCT300 BLT Color Fill SysMem(TC 3.6.57) test.
1232313	Windows	No Fix		WHQL: Failure on DCT300 VMEM CreateVerify All Memory Types.
1231625	Windows	No Fix		WHQL: Failure on DCT300 all BLT AGP memory tests.
1231622	Windows	No Fix		WHQL: Failure on DCT300 all BLT from AGP to Primary.
1206267	Windows	No Fix		Driver allows modes greater than what is supported by the Intel 815E chipset.
1203148	Windows	Plan Fix	High	WHQL: DirectDraw - Flip lock delay.
1146454	Windows	No Fix		Right click on INF file for driver installation fails to install the driver.
1706002	Windows CE .NET	Plan Fix	Critical	D3D Tests cannot be run; target machine freezes when running CETK
1737558	Windows CE .NET	Plan Fix	Critical	IEGD fails to display properly on certain 17" LVDS panels
1684762	Windows CE .NET	Plan Fix	Medium	All tests in Direct3D Z-Buffering Comparison Test failed when running Windows CE.NET 4.2
1670681	Windows CE .NET	Plan Fix	Medium	Direct3D Basic Rasterization Tests failing on Windows CE.NET 4.2.
1670680	Windows CE .NET	Plan Fix	Medium	Direct3D Fogging Tests failing on Windows CE.NET 4.2.
1670105	Windows CE .NET	Plan Fix	High	The icon for Microsoft File Viewer is black/missing on platforms based on 845GV chipset.
1647518	Windows CE .NET	Plan Fix	Medium	Image is blurry and stretched on Chrontel CH7017 output.
1647081	Windows CE .NET	Plan Fix	High	In Vertical Extended mode there will be no output on the secondary display if CRT is set as primary. Dual output works if CRT is set as secondary display.
1584769	Windows CE .NET	No Fix -- OS Issue	Critical	Sometimes selected icons will disappear on platforms with Intel 815E chipset
1391785	Windows CE .NET	Plan Fix	Medium	CETK: 7 tests aborted in the Direct3D Fogging Tests
1390509	Windows CE .NET	Plan Fix	Medium	CETK: Intel 845GV chipset, failed 7 tests in Direct3D Fogging Test
1385477	Windows CE .NET	Plan Fix	Medium	CETK: 21 tests failed in Direct3D-Z_Buffering_Comparison Test
1385469	Windows CE .NET	Plan Fix	Medium	CETK: BasicRst Mesh TL Vertex failed. Direct3D Basic Rasterization test failed at testID:5006

Table 2. Open Errata (Continued) (Sheet 7 of 7)

ID	Package	Status	Priority	Description
1385465	Windows CE .NET	Plan Fix	Medium	CETK: BasicRst Fill failed. Direct3D Basic Rasterization test failed at testID:5003
1232060	Windows CE .NET	No Fix		CETK: Modular Stress Test hangs after 3 hours
1245490	Windows, Windows CE .NET	No Fix		Driver does not handle 24bpp acceleration on platforms with the Intel 815E Chipset (which is not supported by the platform)

