



Intel® Graphics Drivers

Production Version 6.6

Release Notes

February 2002

Supported Chipsets:

- Intel® 810 chipset
- Intel® 810E chipset
- Intel® 810E2 chipset
- Intel® 815 chipset
- Intel® 815E chipset
- Intel® 815EM chipset
- Intel® 815G chipset
- Intel® 815EG chipset

Supported Operating Systems:

- Windows* 95
- Windows* 98
- Windows* Millennium Edition*
- Windows* NT* 4.0
- Windows* 2000
- Windows* XP

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Revision History

Rev.	Document Description	Date
Intel® 810 and Intel® 810E Chipset Software Kit Windows* 95 and Windows* 98 Production Version 4.1 Windows NT 4.0 Production Version 4.1 Windows 2000 Production Version 4.1	Resolved issues since Production Version 3.3 release	April 21, 2000
Intel® Graphics Drivers Production Version 5.1	Resolved issues since Production Version 4.1 and Production Version 4.2 releases	August 28, 2000
Intel® Graphics Drivers Production Version 6.0	Resolved issues since Production Version 5.1 release	October 12, 2000
Intel® Graphics Drivers Production Version 6.1	Resolved issues since Production Version 6.0 release	December 8, 2000
Intel® Graphics Drivers Production Version 6.2	Resolved issues since Production Version 6.1 release	February 15, 2001
Intel® Graphics Drivers Production Version 6.3.1	Resolved issues since Production Version 6.2 release	April 20, 2001
Intel® Graphics Drivers Production Version 6.4	Resolved issues since Production Version 6.3.1 release	August 1, 2001
Intel® Graphics Drivers Production Version 6.5.2	Resolved issues since Production Version 6.4/6.4.1 release	November 14, 2001
Intel® Graphics Drivers Production Version 6.6	Resolved issues since Production Version 6.5.2 release	February 11, 2002

Preface

This document contains records of resolved software issues and changes affecting the Microsoft Windows* 95, Windows* 98, Windows* Millennium Edition*, Windows* NT 4.0, Windows* 2000, and Windows* XP graphics driver releases that use the Intel® 810, Intel® 810E, Intel® 810E2, Intel® 815, Intel® 815E, Intel® 815EM, Intel® 815G, and Intel® 815EG chipset graphics controllers. This document is intended for end users of these chipsets.

Summary Table of Resolved Issues

The following table lists the resolved software issues that apply to recent Intel® Graphics Driver releases. This table uses the following codes:

Codes Used in Summary Table

X: Issue pertains to a particular software release and may pertain to releases previous to the indicated release.

Fixed: This issue is fixed in the current software release.

Resolved Driver Issues (Windows* 95, Windows* 98, Windows* Millennium Edition* Release)

Windows* 95 Windows* 98, and Windows* Me* 3D Applications and Games								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
43	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	WipeoutXL* game fails to load.
44	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Star Wars* - Force Commander* - system locks up at a black screen when starting a game.
45	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Mouse pointer in Rainbow Six* game is corrupted.
46	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Soldier of Fortune* game has missing textures on walls and character models.
47	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Load failure in Lego* Island game.
48	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Mouse pointer is broken in Tom Clancy's Rainbow Six* game.
49	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Third Dimension* application - cannot grab an object.
50	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Some DirectX* games produce black or corrupted screens on exit.
51	x	x	Fixed	Fixed	Fixed	Fixed	Fixed	3DMark2000* benchmark hangs system in 32MB Texture Rendering Speed test after running for long time.
52	x	x	Fixed	Fixed	Fixed	Fixed	Fixed	Madden Football 2001* has incorrect textures in the stands.
53	x	x	x	Fixed	Fixed	Fixed	Fixed	NASCAR* 4 game - game load fails on Windows 98 and Me and reboots system using Windows 2000.
54	x	x	x	Fixed	Fixed	Fixed	Fixed	F1 2000 game from EA shows a transparent car model, screen corruption, and exits to the desktop when starting a game.
55	x	x	x	Fixed	Fixed	Fixed	Fixed	Airport Tycoon* / AirMogul* / Airport Inc.* game - text boxes in the game are black with no text.
56	x	x	x	Fixed	Fixed	Fixed	Fixed	MS Flight Simulator 2000 does not appear to be 3D accelerated. Textures are low quality and performance is slow because software rendering is being used.
57	x	x	x	x	Fixed	Fixed	Fixed	Might and Magic* 8 - Garbage is seen in game screen.

Windows*95, Windows*98, and Windows* Me* 2D Applications								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
17	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Hauppauge* TV tuner display is corrupted.
18	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Nothing is displayed during AVI playback in preview if Web Content is enabled.
19	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Software DVD players lock up after extended playback.
20	x	x	x	Fixed	Fixed	Fixed	Fixed	Symantec* PCAnywhere* gets one of the following errors when starting a remote control session: "Explorer has caused an error in DIBENG.DLL. Explorer will now close." or "EXPLORER caused a general protection fault in module I81XDW9X.DRV at 0001:00007787."
21	x	x	x	Fixed	Fixed	Fixed	Fixed	Microsoft* Excel* 2000 - some of the lines disappear when you scroll the spreadsheet.

Windows*95, Windows*98, and Windows* Me* 2D Applications								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
22	x	x	x	x	Fixed	Fixed	Fixed	Movie screen corruption is seen in WinDVD* with DXVA at 1024x768x24bpp, 75Hz.
23	x	x	x	x	x	Fixed	Fixed	Changing resolution while WinDVD* is playing causes a crash.

Windows*95, Windows*98, and Windows* Me* Display Modes/Settings								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
23	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	System locks up when no TV is connected to the TV-out connector when booting Windows* Me*.
24	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	White lines of corruption and/or system freeze appear during Windows* shutdown.
25	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Turning off monitor, then going into stand by causes the PC to fail to wake up.
26	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Preview of background JPEG images are corrupt while stretch is selected in Windows* Me*.
27	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Disabling and re-enabling multimonitor causes the system to crash.
28	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	The refresh rate goes out of a monitor's range when set to "optimal".
29	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	A monitor is sometimes detected as a "Default Monitor" instead of a "Plug and Play Monitor".
30	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Black screen is seen when resuming from S1 or S3 (Suspend to RAM) when the system is set for 640x480 or 1600x1200 resolution.
31	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Refresh rate is set to 72 Hz on some flat panel displays that do not support it.
32	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	The system hangs up while waking up from standby with a PCI video card installed and the integrated graphics controller disabled.
33	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	TV-out fine tuning: Brightness is set to maximum instead of default value on install.
34	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	The color palette is modified on a PCI video card, causing screen corruption.
35	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	A full screen DOS prompt is not centered correctly on a TV.
36	x	x	Fixed	Fixed	Fixed	Fixed	Fixed	Screen corruption appears or the display shuts off when resuming from hibernation or stand by.
37	x	x	x	x	Fixed	Fixed	Fixed	TV-out cannot be selected in the Intel® Graphics Technology tabs or with a Hot Key.
38	x	x	x	x	Fixed	Fixed	Fixed	The system locks up in a multi-monitor configuration after the Intel graphics driver is installed.
39	x	x	x	x	Fixed	Fixed	Fixed	The mouse cursor blinks with some applications when set to a software mouse cursor, such as animated mouse cursors.
40	x	x	x	x	Fixed	Fixed	Fixed	LCD turns off on restarting in MS-DOS mode.
41	x	x	x	x	Fixed	Fixed	Fixed	TV-out is not detected unless TV is attached at bootup.
42	x	x	x	x	Fixed	Fixed	Fixed	While various Intel® Graphics Technology tabs are open, performing a Hot Key switch to another device causes the dialog to remain displayed and sometimes frozen.

Windows*95, Windows*98, and Windows* Me* Display Modes/Settings								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
43	x	x	x	x	x	Fixed	Fixed	Invalid General Protection error message appears when changing color depth while running Microsoft* Outlook*, Word*, and Excel*.
44	x	x	x	x	x	Fixed	Fixed	CUI cannot switch to 100Hz refresh rate.
45	x	x	x	x	x	Fixed	Fixed	Signal loss to external Flat Panel when selected through hot keys and CUI.
46	x	x	x	x	x	Fixed	Fixed	Monitors are being taken out of range.
47	x	x	x	x	x	Fixed	Fixed	A PS/2* mouse fails to resume the system from S3 stand by mode.
48	x	x	x	x	x	Fixed	Fixed	A 848x480@60Hz flat panel display (without EDID) causes the driver to fail loading.
49	x	x	x	x	x	x	Fixed	Cannot switch to Flat Panel if FP frequency is unique and both CRT and Flat Panel are attached
50	x	x	x	x	x	x	Fixed	GPF error when waking the system from stand by.
51	x	x	x	x	x	x	Fixed	System hangs after resuming from hibernate on CRT only.
52	x	x	x	x	x	x	Fixed	Unable to use NTSC_M and PAL_B on the first time it is used.
53	x	x	x	x	x	x	Fixed	Stuck at 16 colors and 640x480 or 800x600 with certain monitors.

Resolved Driver Issues (Windows* NT 4.0 Release)

Windows* NT 4.0 3D Applications and Games								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
6	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	3D pipes screen saver displays colored blocks in 24 bit color mode.

Windows* NT 4.0 2D Applications								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
2	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	DVD movies do not display correctly when downscaled (flip problem).
3	x	x	x	Fixed	Fixed	Fixed	Fixed	When you open Quicktime* application and you view the sample that comes with Quicktime, an application exception error occurs when you close the window.
4	x	x	x	x	Fixed	Fixed	Fixed	LCD panel whites-out when playing Windows Media Player in full screen mode.

Windows* NT 4.0 Display Modes/Settings								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
5	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	A monitor is sometimes detected as a "Default Monitor" instead of a "Plug and Play Monitor".
6	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Video adapter string shows up in Display Properties as "82815" graphics on Intel® 810 and 810E chipsets.
7	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	TV-out fine tuning: Brightness is set to maximum instead of default value on install.
8	x	x	x	x	Fixed	Fixed	Fixed	Unable to make gamma changes while logged in as a power user or restricted user. This functionality is now hidden when logged in without administrator access.
9	x	x	x	x	x	Fixed	Fixed	Unattended install of driver causes BSOD.
10	x	x	x	x	x	x	Fixed	Unable to use NTSC_M and PAL_B on the first time it is used.

Resolved Driver Issues (Windows* 2000, XP Release)

Windows* 2000 and XP 2D Applications								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
12	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Nothing is displayed during AVI playback in preview if Web Content is enabled.
13	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	DVD movies do not display correctly when downscaled (flip problem).
14	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Occasionally, an access violation error occurs when resizing a software DVD video window.
15	x	x	Fixed	Fixed	Fixed	Fixed	Fixed	MPEG playback corrupted when Windows Media Player is reduced or when MPEG is shown in Web Content preview panel.
16	x	x	x	Fixed	Fixed	Fixed	Fixed	Blue screen when switching display type (CRT/TV/Flat Panel) when running DirectX Video Acceleration enabled DVD player.
17	x	x	x	x	Fixed	Fixed	Fixed	Microsoft* Office XP office assistant "Merlin" crashes after standby.
18	x	x	x	x	Fixed	Fixed	Fixed	Hkcmd.exe or hccutils.dll error appears at bootup when Symantec* PCAnywhere* is installed. Blue screen errors occur when trying to change video settings.
19	x	x	x	x	x	Fixed	Fixed	Corruption appears on desktop after switching to CRT when DVD is running

Windows* 2000 and XP 3D Applications and Games								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
24	x	x	Fixed	Fixed	Fixed	Fixed	Fixed	Madden Football 2001* has incorrect textures in the stands.
25	x	x	x	Fixed	Fixed	Fixed	Fixed	NASCAR* 4 game - game load fails on Windows 98 and Me and reboots system using Windows 2000.
26	x	x	x	x	Fixed	Fixed	Fixed	3DMark2001* - the system reboots when attempting to run the benchmark.
27	x	x	x	x	x	Fixed	Fixed	Barrage* game - an error message is shown during start up and the game goes to desktop.
28	x	x	x	x	x	Fixed	Fixed	Pixel Table Fog emulation not properly supported.
29	x	x	x	x	x	x	Fixed	Trouble with multi-texturing and enabling object linear texgen
30	x	x	x	x	x	x	Fixed	Labyrinth Ball Direct3D* application is not rendering reflective surface correctly.
31	x	x	x	x	x	x	Fixed	Microsoft* Plus! for Windows* XP screensavers will not install.
32	x	x	x	x	x	x	Fixed	Corruption on second menu in Descent* 3 game.

Windows* 2000 and XP Display Modes/Settings								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
8	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	An extra mouse cursor appears on primary monitor after the first cursor touches an Explorer window on the secondary monitor.
9	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	A monitor is sometimes detected as a "Default Monitor" instead of a "Plug and Play Monitor".
10	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	"Kernel_Mode_Exception_Not_Handled" blue screen error is seen when resuming from S3 (Suspend to RAM).
11	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Video adapter string shows up in Display Properties as "82815" graphics on Intel® 810 and 810E chipsets.
12	x	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	TV-out fine tuning: Brightness is set to maximum instead of default value on install.
13	x	x	Fixed	Fixed	Fixed	Fixed	Fixed	While the integrated display adapter is set to secondary in a multimonitor setup, disabling it from the display properties page causes the display to become corrupted.
14	x	x	x	Fixed	Fixed	Fixed	Fixed	System icon corruption when the active desktop is turned on and "show the icons using all possible colors" is turned on.
15	x	x	x	x	Fixed	Fixed	Fixed	BIOS information not displayed in display properties
16	x	x	x	x	Fixed	Fixed	Fixed	Intel® Graphics Technology tabs are too large for 640x480 mode to be able to select OK button.
17	x	x	x	x	Fixed	Fixed	Fixed	"Super Page Manager" text appears in TV settings dialog after Hot Key is used.
18	x	x	x	x	Fixed	Fixed	Fixed	Severe flicker appears when PAL is selected as the TV-out standard.
19	x	x	x	x	Fixed	Fixed	Fixed	Monitor centering does not work correctly at 100Hz refresh rate.
20	x	x	x	x	Fixed	Fixed	Fixed	TV-out cannot be selected in the Intel® Graphics Technology tabs or with a Hot Key.
21	x	x	x	x	Fixed	Fixed	Fixed	Unable to make gamma changes while logged in as a power user or restricted user. This functionality is now hidden when logged in without administrator access.
22	x	x	x	x	Fixed	Fixed	Fixed	While various Intel® Graphics Technology tabs are open, performing a Hot Key switch to another device causes the dialog to remain displayed and sometimes frozen.
23	x	x	x	x	Fixed	Fixed	Fixed	TV-out is not detected unless TV is attached at bootup.
24	x	x	x	x	x	Fixed	Fixed	With 1400x1050 panel, after hotplugging a CRT, the display will blank when switching the display with a hot key.
25	x	x	x	x	x	Fixed	Fixed	Signal loss to external Flat Panel when selected through hot keys and CUI.
26	x	x	x	x	x	Fixed	Fixed	CUI cannot switch to 100Hz refresh rate.
27	x	x	x	x	x	Fixed	Fixed	Display corrupts like stripes on SXGA 24 bit color
28	x	x	x	x	x	Fixed	Fixed	Monitors are being taken out of range.
29	x	x	x	x	x	Fixed	Fixed	System monitor blanks on return from standby
30	x	x	x	x	x	Fixed	Fixed	System will wake out of S1 standby to a blank screen or reboot.
31	x	x	x	x	x	Fixed	Fixed	System reboots when coming from standby.
32	x	x	x	x	x	Fixed	Fixed	The system will continuously reboot after loading the graphics driver if an external flat panel is attached.
33	x	x	x	x	x	Fixed	Fixed	Can't use 848x480 mode on plasma display.

Windows* 2000 and XP Display Modes/Settings								
NO.	PV6.0	PV6.1	PV6.2	PV6.3.1	PV6.4	PV6.5.2	PV6.6	Issue
34	x	x	x	x	x	Fixed	Fixed	The system hangs when coming back from standby in Windows 2000.
35	x	x	x	x	x	Fixed	Fixed	The display is lost when users log off 20 minutes after fast user switching.
36	x	x	x	x	x	Fixed	Fixed	A PS/2* mouse fails to resume the system from S3 stand by mode.
37	x	x	x	x	x	Fixed	Fixed	A 848x480@60Hz flat panel display (without EDID) causes the driver to fail loading.
38	x	x	x	x	x	x	Fixed	Cannot switch to Flat Panel if FP frequency is unique and both CRT and Flat Panel are attached
39	x	x	x	x	x	x	Fixed	Flat Panel display comes up in 800x600x4 bpp.
40	x	x	x	x	x	x	Fixed	LCD turns off.
41	x	x	x	x	x	x	Fixed	Cannot enter standby (ACPI S3)
42	x	x	x	x	x	x	Fixed	Vertical stripe pattern on video after wakeup
43	x	x	x	x	x	x	Fixed	Unable to use NTSC_M and PAL_B on the first time it is used.
44	x	x	x	x	x	x	Fixed	Desktop color corruption occurs when system comes back from "Turn off monitor"
45	x	x	x	x	x	x	Fixed	TV Hotkey Fn+F11 does not work
46	x	x	x	x	x	x	Fixed	Display corrupts like stripes on 1280x1024, 24 bit color
47	x	x	x	x	x	x	Fixed	Display turns into gray vertical lines when resumed from DPMS suspend with Digital LCD in 1280x1024x24.
48	x	x	x	x	x	x	Fixed	Stuck at 16 colors and 640x480 or 800x600 with certain monitors.

Additional Driver Changes

No.	Ver.	Additional Driver Change																																
9	PV6.0	<p>DirectDraw* hardware overlay support and hardware cursor support added for the following video modes:</p> <table border="1"> <thead> <tr> <th></th> <th>320x200</th> <th>320x240</th> <th>352x480</th> <th>352x576</th> <th>400x300</th> <th>512x384</th> <th>640x400</th> </tr> </thead> <tbody> <tr> <td>256 colors, 70 Hz</td> <td>C, O</td> </tr> <tr> <td>64k colors, 70 Hz</td> <td>C, O</td> </tr> <tr> <td>16M colors, 70 Hz</td> <td>C, O</td> </tr> </tbody> </table> <p>C = Hardware cursor O = Hardware overlay</p>		320x200	320x240	352x480	352x576	400x300	512x384	640x400	256 colors, 70 Hz	C, O	64k colors, 70 Hz	C, O	16M colors, 70 Hz	C, O																		
	320x200	320x240	352x480	352x576	400x300	512x384	640x400																											
256 colors, 70 Hz	C, O	C, O	C, O	C, O	C, O	C, O	C, O																											
64k colors, 70 Hz	C, O	C, O	C, O	C, O	C, O	C, O	C, O																											
16M colors, 70 Hz	C, O	C, O	C, O	C, O	C, O	C, O	C, O																											
10	PV6.1	Support for Hardware Motion Compensation using the DVA (DirectX* Video Acceleration) API (Application Program Interface) in Windows 2000. This allows for smooth playback of DVD's using a software DVD player.																																
11	PV6.2	Support for Hardware Motion Compensation using the DVA (DirectX* Video Acceleration) API (Application Program Interface) in Windows 95, 98 and Me. This allows for smooth playback of DVD's using a software DVD player.																																
12	PV6.2	Intel® 810E2 and 815EM chipset support added.																																
13	PV6.2	Added support for 848x480 screen resolution for digital displays that support this mode.																																
14	PV6.2	DirectX* 8 support for Windows* Me (Millennium Edition) Windows* 98, and Windows* 95, and Windows* 2000																																
15	PV6.3.1	LFP (Local Flat Panel) support added to driver in order to support LDVS digital displays that do not contain EDID (Extended Display Identification Data).																																
16	PV6.3.1	TV-out active detection support added. This allows a TV device to be detected when booting into Windows, when entering Display Properties, when a hot key is pressed, and when resuming from a suspended state.																																
17	PV6.3.1	Support added for 1400x1050 reduced blanking mode screen resolution for digital displays that support this mode.																																
18	PV6.3.1	Support added for 100 Hz refresh rate for 640x480, 800x600, and 1024x768 video resolutions.																																
19	PV6.4	Added support for emulated pixel fog. This allows DirectX3D* games that require fog table support to display properly, such as Half-Life* and Vampire - The Masquerade*.																																
20	PV6.5.2	6.13.xxxx driver version change for Windows 2000 and XP.																																
21	PV6.5.2	Support for Hot Plug and Unplug added for digital displays.																																

Driver Utility Changes

No.	Ver.	Driver Utility Change
5	PV6.3.1	System tray icon added.
6	PV6.3.1	New desktop context menus added for saving schemes, enabling and disabling the tray icon and hot keys, and quick change of graphics settings or a recall of a saved scheme.
7	PV6.3.1	Hot key support added.
8	PV6.3.1	New navigation system for graphics tabs that includes a sidebar along the left side of the window.

Documentation Changes

NO.	Ver.	Documentation Change
1	PV4.1	Removed all issues that were resolved prior to PV 2.0.
2	PV4.1	Moved VBIOS resolved issues to a separate document and added a link to new location in the VBIOS section.
3	PV5.1	Added Intel® 815 chipset family as a supported chipset.
4	PV5.1	Added Windows* Millennium Edition* as a supported operating system.
5	PV6.2	Removed all issues that were resolved prior to PV 4.1
6	PV6.4	Removed all issues that were resolved prior to PV 6.0
7	PV6.5.2	Added Windows* XP as a supported operating system.
8	PV6.5.2	Added Intel® 815G and 815EG chipsets