



BIOS Update Release Notes

PRODUCTS: D945GSEJT (Standard BIOS)

BIOS Version 0045 - JT94510H.86A.0045.2010.0519.1750

About This Release:

- May 19, 2010
- Memory Reference Code: Based on Revision 1.11
- Integrated Graphics Option ROM: Build 1585
- LAN Option ROM:
gPXE Nahum info:
Intel UNDI, gPXE-0.9.6 For Realtek* RTL8186 Gigabit Ethernet Adapter
PXE Nahum info:
Intel UNDI, PXE-2.1 (build 082) For Realtek RTL8111B/8111C/8111D Giga Ethernet Controller v2.34

New Fixes/Features:

- Updated Serial Port string to Serial Port and Serial Port 2 in BIOS Setup Menu.
- Updated BIOS settings to have "Configure SATA as" and "Configure Storage Controller as" on the same page.
- Updated processor support.
- Updated PXE ROM to v2.34.
- Enabled HPET.
- Fixed issue with DIMM SPD data in BIOS setup menu.
- Fixed issue where BIOS will halt while flashing ROM looping.

BIOS Version 0040

About This BIOS:

- December 18, 2009
- JT94510H.86A.0040.2009.1218.1345
- VBIOS info: Build Number: 1585
- gPXE Nahum info: Intel UNDI, gPXE-0.9.6 For Realtek* RTL8186 Gigabit Ethernet Adapter
- PXE Nahum info: Intel UNDI, PXE-2.1 (build 082) For Realtek RTL8111B/8111C/8111D Giga Ethernet Controller v2.25

New Fixes/Features:

- Implemented support for Security phase 2.
- Fixed issue where non-reboot flash method still supported.
- Removed error messages or halts when no keyboard attached.
- Fixed issue where hidden Power section causes the BIOS menu to block left/right navigation on that section.

BIOS Version 0037

About This BIOS:

- August 20, 2009

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- JT94510H.86A.0037.2009.0820.1551
- VBIOS info: Build Number: 1585
- gPXE Nahum info: Intel UNDI, gPXE-0.9.6 For Realtek* RTL8186 Gigabit Ethernet Adapter
- PXE Nahum info: Intel UNDI, PXE-2.1 (build 082) For Realtek RTL8111B/8111C/8111D Giga Ethernet Controller v2.25

New Fixes/Features:

- Fixed Chipset Register Test issue.
- Fixed chassis intrusion issue.
- Fixed issue where "LCD Panel Type" does not appear in tokens file.

BIOS Version 0035

About This BIOS:

- July 30, 2009
- JT94510H.86A.0035.2009.0730.1902
- VBIOS info: Build Number: 1585
- gPXE Nahum info: Intel UNDI, gPXE-0.9.6 For Realtek* RTL8186 Gigabit Ethernet Adapter
- PXE Nahum info: Intel UNDI, PXE-2.1 (build 082) For Realtek RTL8111B/8111C/8111D Giga Ethernet Controller v2.25

New Fixes/Features:

- Fixed issue where iFlash2.exe does not work.
- Added updates to improve security.
- Fixed issue with RTC wake up from S5.

BIOS Version 0031

About This BIOS:

- June 22, 2009
- JT94510H.86A.0031.2009.0622.1809
- VBIOS info: Build Number: 1585
- gPXE Nahum info: Intel UNDI, gPXE-0.9.6 For Realtek* RTL8186 Gigabit Ethernet Adapter
- PXE Nahum info: Intel UNDI, PXE-2.1 (build 082) For Realtek RTL8111B/8111C/8111D Giga Ethernet Controller v2.25

New Fixes/Features:

- Fixed SMBIOS Type 2 issue.
- Added the 0 (zero) setting in the "Wake Up Date" option.

BIOS Version 0029

About This BIOS:

- May 19, 2009
- JT94510H.86A.0029.2009.0519.0959
- VBIOS info: Build Number: 1585
- gPXE Nahum info: Intel UNDI, gPXE-0.9.6 For Realtek* RTL8186 Gigabit Ethernet Adapter
- PXE Nahum info: Intel UNDI, PXE-2.1 (build 082) For Realtek RTL8111B/8111C/8111D Giga Ethernet Controller v2.25

New Fixes/Features:

- Fixed default reset issue when updating BIOS from JT0025.
- Changed "IGD Render Frequency" default to 133MHz.
- BIOS Setup Compliance.
- Fixed issue related to User Access Level = Full.
- Setup Display and Functionality.
- Changed the BIOS item help text for "USB Ports" question under "USB Configuration" page: Enables or disables USB (mention of "Single rear panel..." no longer applies)
- Added "IGD Render Frequency" in BIOS setup menu.
- Removed option "Disable FP USB Header" of "USB Ports".
- Fixed issue where power LED still turns on when sysem 4-second power button override.
- Modified beep sound to high tone.

BIOS Version 0025

About This BIOS:

- March 6, 2009
- JT94510H.86A.0025.2009.0306.1639
- VBIOS info: Build Number: 1585
- gPXE Nahum info: Intel UNDI, gPXE-0.9.6 For Realtek* RTL8186 Gigabit Ethernet Adapter
- PXE Nahum info: Intel UNDI, PXE-2.1 (build 082) For Realtek RTL8111B/8111C/8111D Giga Ethernet Controller v2.25

New Fixes/Features:

- Initial production BIOS release

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