



BIOS Update Release Notes

PRODUCTS: D945GCNL (Standard BIOS)

BIOS Version 0036

About This Release:

- December 31, 2009
- NL94510J.86A.0036.2009.1231.1407
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082,V2.13,071227)

New Fixes/Features:

- Removed non-reboot method BIOS update.
- Fixed BIOS VPD corruption issue.
- Updated processor support.

BIOS Version 0033

About This Release:

- August 8, 2008
- NL94510J.86A.0033.2008.0807.1932
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082,V2.13,071227)

New Fixes/Features:

- Fixed issue where new BIOS SETUP settings may contain random data when using Flex EFI Variable updates.
- Fixed a potential VPD corruption issue.
- Added verification of empty (0xFF) SPI space before writing the variable.
- Moved MTC and memory configuration data to CMOS.
- Fixed issue where USB camera caused long POST delay.
- Clear keyboard buffer prior to boot.

BIOS Version 0029

About This Release:

- February 20, 2008
- NL94510J.86A.0029.2008.0220.1954
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082,V2.13,071227)

New Fixes/Features:

- Fixed a server ghost issue with certain graphics card.
- Update the PXE ROM.

BIOS Version 0027

About This Release:

- February 1, 2008
- NL94510J.86A.0027.2008.0131.1842
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082,V2.09,071026)

New Fixes/Features:

- Fixed issue where unable to install Windows* 2000.
- Fixed Bios Setup Compliance **item**.

BIOS Version 0026

About This Release:

- January 17, 2008
- NL94510J.86A.0026.2008.0117.1007
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082,V2.09,071026)

New Fixes/Features:

- Updated processor support.

BIOS Version 0025

About This Release:

- January 12, 2008
- NL94510J.86A.0025.2008.0107.1543
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082 v2.09)

New Fixes/Features:

- Set DMI chassis type default to desktop.
- Updated the graphics for Express BIOS Update utility.
- Fixed the HW monitor remote temperature issue.
- Updated processor support.
- Fixed potential VPD corruption issue.
- Fixed issue in a synthetic reset test environment which causes UHCI USB problem.
- Fixed ICH register porting issue.
- Upgraded to new PXE ROM.

BIOS Version 0020

About This BIOS:

- September 7, 2007
- NL94510J.86A.0020.2007.0907.1417
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082 v2.08)

New Fixes/Features:

*Other names and brands may be claimed as the property of others.

- Fixed issue when restoring factory setting through IIA, Network device was "unchecked" by default but the device is listed under boot order device.
- Removed Precision Cooling section.
- Fixed issue where boot devices that are disabled from F2 setup or IIA are not correctly reflected in EPCSUTILWIN/ITK/IIA after a reboot.
- Fixed issue where after doing an ITK Remove and changing the Boot Menu Type to Advanced, normal boot list is empty.
- Fixed issue where ITK or IIA could not access Boot Priority List when all the boot devices disabled in the BIOS Setup.
- Fixed issue where Advanced boot order is not being populated correctly in IIA.
- Added boot order to map file "Do Not Show" list.

BIOS Version 0017

About This BIOS:

- August 28, 2007
- NL94510J.86A.0017.2007.0828.1137
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082)

New Fixes/Features:

- Fixed issue where BIOS shows core multiplexing technology item in error.
- Fixed issue where large images added to BIOS capsule will cause POST failure.
- Fixed ITK Data updates to support token applicability checks.
- Added support for new SPI flash (MXIC)ROM.
- Fixed issue where using EBU flash will show error message after BIOS reflash.

BIOS Version 0015

About This BIOS:

- July 5, 2007
- NL94510J.86A.0015.2007.0705.1642
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082)

New Fixes/Features:

- Hide BIOS setup option "IGD aperture size".
- ITK fix, which a generated BIO file with BIOS settings modified by using ITK does not set the new settings to the "Optimal Defaults" value.
- Add PEG additional fix, according to the Intel-945G/P Express Chipsets BIOS Specification Update 1.54.
- Add additional EHCI controller fix, according to the ICH7 Specification update 2.3.

BIOS Version 0014

About This BIOS:

- June 7, 2007

- NL94510J.86A.0014.2007.0607.1847
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082)

New Fixes/Features:

- Fixed the verb table incorrect after S3 resume.
- Fixed issue of RTC test failure.
- Updated processor support.

BIOS Version 0010

About This BIOS:

- May 23, 2007
- NL94510J.86A.0010.2007.0523.1650
- VBIOS info: Build Number: 1295 PC 14.12
- PXE Nahum info: REALTEK* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082)

New Fixes/Features:

- Initial production BIOS release

LEGAL INFORMATION

Information in this document is provided in connection with Intel Products and for the purpose of supporting Intel developed server/desktop boards and systems.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel Corporation may have patents or pending patent applications, trademarks, copyrights, or other intellectual property rights that relate to the presented subject matter. The furnishing of documents and other materials and information does not provide any license, express or implied, by estoppel or otherwise, to any such patents, trademarks, copyrights, or other intellectual property rights. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

Intel is a trademark of Intel Corporation in the US and other countries.
Copyright (c) 2008 Intel Corporation.

*Other names and brands may be claimed as the property of others.