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.

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

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