PRODUCTS: D945GCLF D945GCLF2 D945GCLF2D D945GCLFBR (Standard BIOS)

Build 0150C

About This Release:
- February 10 2009
- LF94510J.86A.0150.2009.0210.0006
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek RTL8111B/8111C/8101E/8102E Ethernet Controller v2.171
  (080703)

New Fixes/Features:
- Added support for new SKU

BIOS Version 0140

About This Release:
- December 31, 2008
- LF94510J.86A.0140.2008.1231.0012
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E/8102E Ethernet Controller v2.171
  (080703)

New Fixes/Features:
- Changed 'Intel(R) EM64T Capable' to 'INTEL 64 ARCHITECTURE
  CAPABLE'.

BIOS Version 0137

About This Release:
- December 19, 2008
- LF94510J.86A.0137.2008.1218.1815
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E/8102E Ethernet Controller v2.171
  (080703)

New Fixes/Features:
- Added AA number for new SKU.
- Updated processor support.
- Added support in boot block to read EFI variables from VPD backup
  region if the system had reset in the middle of VPD reclaim.

BIOS Version 0122

About This Release:
- November 18, 2008
- LF94510J.86A.0122.2008.1117.0113
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E/8102E Ethernet Controller v2.171
  (080703)

New Fixes/Features:
- Fixed a potential system hang issue due to infinite loop in the variable function.
- Fixed potential system hang issue when calling PeiGetVariable() function.
- Fixed system hang when user browses to a BIOS setup page that has all text hidden by Intel® Integrator Toolkit.
- Updated processor support.
- Fixed a potential VPD corruption issue.
- Fixed fan fluctuate issue.
- Fixed an issue where USB drives are not bootable.
- Added support for resetting setup defaults the next boot.
- Fixed issue where Setup Page Title remains unchanged when switching to foreign language.

BIOS Version 0103

About This Release:
- August 15, 2008
- LF94510J.86A.0103.2008.0814.1910
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E/8102E Ethernet Controller v2.171
  (080703)

New Fixes/Features:
- Added fix so that enable/disable boot device while boot menu is locked does not cause the lost of boot devices in Intel® Integrator Assistant (IIA).
- Fixed issue where the boot order is not synchronized in IIA with F2 setup when boot devices are disabled in Normal mode and re-enabled in Advance mode.
- Fixed issue where boot order was not synchronized in IIA when boot order is hidden.
- Fix issue where post installer did not delete FlexEng.dll from temporary folder.
- Fixed device count error on first boot.

BIOS Version 0099

About This Release:
- August 01, 2008
- LF94510J.86A.0099.2008.0731.0303
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E/8102E Ethernet Controller v2.171

(080703)

New Fixes/Features:
- Fixed system unable to wake on LAN from S5.
- Fixed WHQL SMBIOS test fail.
- Updated processor support.
- Added workaround to prevent USB keyboard hang in DOS environment.
- Fixed a problem where USB devices were not detected during POST.
- Changed display font from "(R)" to "®".
- Added workaround for issue where violation on DDR2 CLK0/CLK0# Vix at BL3 which is high crossing points for single ended measurement.
- Fixed UHCI controller(s) may hang issue.

BIOS Version 0095

About This Release:
- July 24, 2008
- LF94510J.86A.0095.2008.0723.2334
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E/8102E Ethernet Controller v2.171
  (080703)

New Fixes/Features:
- Removed support for the PNP DMI interface.
- Fixed SMBios data mismatched.
- Fixed issue where front panel LED remains yellow instead of green after system wake from S1 with USB devices.
- Fixed issue where "Memory Size Decrease" event has incorrect event count.
- Fixed S3 resume time more than 2 seconds when accessing verb table 2.
- Fixed issue with Wake on LAN.
- Hid 667MHz option in Memory Configuration page.
- Fixed issue where keys pressed in POST are visible after boot in the BIOS Data Area (BDA) keyboard buffer.
- Updated processor support.
- Added workaround for issue where "Power surge on hub port" message appears intermittently.
- Updated Chassis Type SMBIOS structure.
- Fixed issue where Express BIOS Update allowed custom BIOS to be loaded over standard BIOS and vice versa.
- Fixed an issue where an error would occur when running Express BIOS Update after running iflashwin.
- Fixed issue where language display in BIOS setup does not change as per language selected.
- Added 800x480 video resolution support.
- Updated Realtek* PXE ROM for 8111C Gigabit LAN support.
- Fixed BIOS setup page showing wrong LAN MAC address.
- Changed BIOS to check the first 12 characters of the old and new BIOS ID in recovery path instead of 8 characters.

BIOS Version 0067

About This Release:

- June 20 2008
- LF94510J.86A.0067.2008.0619.1959
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E Ethernet Controller v2.12a (071220)

New Fixes/Features:
- Fixed a problem where EFI variable accesses did not work properly after system wake from S3.
- Fixed problem where device count is not correct at first boot.
- Added check for BIOS ID during BIOS recovery.
- Fixed wake-on-LAN issue.
- Fixed issue where hyperthreading cannot be disabled on certain processor.
- Fixed USB recovery issue where BIOS is not able to detect USB2.0 devices during USB recovery process.

BIOS Version 0038

About This Release:
- April 28 2008
- LF94510J.86A.0038.2008.0427.2223
- VBIOS info:
  Build Number: 1374 PC 14.12 08/28/2006 16:30:16
- PXE info:
  Realtek* RTL8111B/8111C/8101E Ethernet Controller v2.12a (071220)

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.