PRODUCTS: DB43LD (Standard BIOS)

BIOS Version 0037 – LDB4310H.86A.0037.2010.1223.1121

About This Release:
- December 23, 2010
- ME Firmware: 5.2.20.1030
- MEBx Code: Based on Version 5.1.0.0019
- Integrated Graphics Option ROM: Build 1940
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.27
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 086)

New Fixes/Features:
- Fixed issue where Intel® Integrator Toolkit (ITK) file is missing Parallel Port setup item.
- Fixed issue where WLK1.5 TPM TCG OS Interface Test failed.
- Fixed issue where locking "User Access Level" from ITK does not lock the question in Setup.
- Updated ME FW to 5.2.20.1030
- Updated Memory Configuration page in setup to "Mirror".
- Modified Primary Video Adaptor behavior in BIOS setup:
  - Auto: Set priority to PCIEx16, PCIEx1, PCI, IGD
  - Ext PCIe Graphics (PEG): Pick up x1 video if no PCIEx16
- Updated VBIOS to build 1940
- Fixed issue where system does not power on automatically when running iFlash2.

BIOS Version 0035 – LDB4310H.86A.0035.2009.1125.1944

About This Release:
- November 25, 2009
- ME Firmware: 5.1.10.1175
- MEBx Code: Based on Version 5.1.0.0019
- Integrated Graphics Option ROM: Build 1800
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.27
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 086)

New Fixes/Features:
- Fixed issue where PS/2 Mouse does not work when a PS/2 keyboard is not attached.
- Implemented Security Phase 2 Patch.
- Modified iQST payload to fix Intel Desktop Utilities issue.
- Changed the default setting of Intel Virtualization Technology to Enabled.
- Fixed issue where after any change is made to any VT-related feature in BIOS, upon exit of BIOS the system will go to S5, then wake and restart.
- Fixed WHQL issue where Signed Driver Check failed.

- Fixed POST 51 error when using certain wireless keyboard.
- Added workaround for SCCM SOL hang at CP 50 issue.
- Fixed issue to automatically detect floppy diskette device by SIO GP22.
- Changed CPU FAN DutyCycleMin from 40% to 20%.
- Fixed issue where chassis outlet fan does not update with redetect fans.
- Updated VBIOS to version 1800.
- Fixed issue where S3 resume time is greater than 2 seconds.

BIOS Version 0032

About This Release:
- June 29, 2009
- LDB4310H.86A.0032.2009.0729.1146
- ME Firmware: 5.1.10.1175
- MEBx Code: Based on Version 5.1.0.0019
- Integrated Graphics Option ROM: Build 1744
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.27
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 086)

New Fixes/Features:
- Updated Intel® ME firmware to 5.1.10.1175
- Updated MEBX to 5.1.0.0019
- Fixed security requirement issue where system cannot downgrade to previous BIOS.
- Improved BIOS security features.
- Fixed "SMBIOS System Slot Information" and "MOSTEST-Microsoft OEM String" error.
- Fixed Chassis Intrusion Log Only issue.
- Fixed issue where Optical device disable causes Boot Device Priority to show two floppy drives.
- Removed C1E setup items on the Maintenance page.
- Removed TPM setup items on the Maintenance page.
- Fixed issue where low speed 4-wire fan detects incorrectly.
- Fixed BIOS Setup Compliance test failure.
- Fixed issue where S3 fails on Linux platforms.
- Fixed issue where Wake-on-LAN fails after G3 to S5.
- Improved BIOS security feature.
- Fix issue where PATA hard drive information will show at SATA port.
- Fixed issue where floppy drive controller appears in Device Manager.
- Updated iQST feature.
- Updated fonts in POST and Setup.
- Fixed issue where processor and SMBIOS do not display correctly.
- Fixed issue where card reader CF card does not boot properly.
- Fixed issue where when changing Primary Video Adaptor to Int Graphics (IGD) and plugging in a PCI VGA card, the PCI VGA card driver cannot be installed.

BIOS Version 0030

About This BIOS:
- April 10, 2009

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

- LDB4310H.86A.0030.2009.0410.1420
- VBIOS Version: 1744
- GBE firmware bin version: 0.5
- PXE Option Rom file: Intel UNDI,PXE-BA1327L2.LOM
- MEBx Version: 5.1.0.0018
- ME Version: 5.1.0.1167

New Fixes/Features:
- Initial production BIOS release

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