



BIOS Update Release Notes

PRODUCTS: DQ45CB, DQ45EK (Standard BIOS)

BIOS Version 0069

About This BIOS:

- December 08, 2008
- CBQ4510H.86A.0069.2008.1208.1458
- GBE firmware bin version: ICH10D_82567LM_A0
- PXE Option Rom file: Intel UNDI,PXE-2.1 kit387754 (build 086)
- VBIOS info: Build Number:1704
- ME Version: 8.5.0.1.1122
- RAID Option Rom version: 8.6.0.1007

New Fixes/Features:

- Fixed issue where Intel® Desktop Utilities shows incorrect value for Memory Slots.
- Fixed WHQL issue on DQ45CB - Vista 32: TPM TCG Integration Test, do not wait for user for any HOT key and automatically select F10 behavior.
- Fixed issue where BIOS should allow headless operation - if keyboard/mouse not found, the system should not pause in POST.
- Fixed issue where user settings in Set Sensor Threshold page should not revert to default value after system reboot.
- Implemented the functions of Fan Control > Automatic Fan Detection item in Setup menu.

Note:

Express BIOS Update and iFlash can not flash from a BIOS version later than 0061 back to 0061 or earlier due to the Intel® ME firmware update.

BIOS Version 0067

About This BIOS:

- November 27, 2008
- CBQ4510H.86A.0067.2008.1127.1732
- GBE firmware bin version: ICH10D_82567LM_A0
- PXE Option Rom file: Intel UNDI,PXE-2.1 kit387754 (build 086)
- VBIOS info: Build Number:1704
- ME Version: 8.5.0.1.1122
- RAID Option Rom version: 8.6.0.1007

New Fixes/Features:

- Fixed issue where Windows* does not resume properly if serial ATA is configured for RAID.
- Fixed issue where no PECI information is displayed for Celeron 4xx CPUs.
- Fixed issue there system will hang during POST with certain graphics cards.
- Fixed issue where chassis type is not pre-programmed.

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

- Fixed issue where Intel® Desktop Utilities shows incorrect values for memory slots.
- Added workaround for issue if iQST is disabled in MEBX, the system will stay a long time on the Hardware Monitoring screen.
- Fixed bouncing ball XML issue
- Implemented the QST Lock/Unlock function in maintenance mode.
- Fixed issue where UEFI Windows halts during shutdown.
- Fixed issue where the default year restores to 2004 in the Event Log after clearing CMOS.
- Updated setup strings.
- Changed ASPM L0 to disable.
- Fixed issue with display of High Definition Front Panel Audio.
- Fixed issue where RMRESTOR utility hangs with himem.sys loaded.
- Fixed issue where itoolkitw.exe does not work to flash the BIOS in WinPE.
- Fixed issue where iFlash fails when Intel ME is disabled in MEBX configuration.
- Fixed issue where system hangs after F10 is pressed to select boot device.
- Updated chipset porting code according to spec v1.04
- Updated iQST thermal profile.
- Updated vBIOS to V1704.
- Updated CPU temperature string at Hardware monitor page.
- Update ME firmware to 1122.
- Updated RAID option ROM to v8.6.0.1007.
- Fixed poor iQST performance.
- Set PAVP default to Lite and hidden.
- Removed "Size" item of USB Mass Storage Emulation Type.
- Added ESataEnableLockHide variable in SETUP_DATA.
- Removed the string display on the screen when NVRAM checksum errors after iFlash.
- Fixed issue with the iFlash /md command.

Note:

Express BIOS Update and iFlash can not flash from a BIOS version later than 0061 back to 0061 or earlier due to the Intel® ME firmware update.

BIOS Version 0061

About This BIOS:

- October 10, 2008
- CBQ4510H.86A.0061.2008.1010.1506
- GBE firmware bin version: ICH10D_82567LM_A0
- PXE Option Rom file: Intel UNDI,PXE-2.1 kit387754 (build 086)
- ME Version: 8.5.0.1.1111
- RAID Option Rom version: 8.5.2.1002

New Fixes/Features:

- Fixed the issue that the descriptor region can not be updated when doing BIOS recovery.
- Fixed issue that enabling TXT in BIOS will cause system to hang during POST after update the system BIOS through Iflash.
- Fixed issue that EFI operating system can not be installed when set to RAID mode.
- Fixed issue that system will have a very poor performance when boot with 8 GB memory and PCIE X16 graphic card.

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

- Fixed issue where OA2 test fails.
- Fixed issue where system hangs with certain 3rd party graphics card.
- Fixed issue where system will show a CMOS checksum error warning message after the TPM is initialized.
- Fixed issue where the system can not power up automatically when performing the TCG test with WHQL.
- Fixed issue where AMT web interface doesn't report disk information when SATA is set to RAID mode.
- Fixed issue where when in SOL boot to BIOS, pressing F10 brings up exit without saving changes instead of save changes and exit.
- Added patch for the issue of GATE A20 can not open.
- Fixed Intel® Integrator Toolkit (ITK) issue where flash fails from CBU execution.
- Fixed issue where ITK server does not correctly report BIOS flashing result when flashing process fails.
- Changed the SMBUS clock from 100KHz to 80KHz.
- Updated MRC to version 2.50
- Updated AMT and chipset porting code according to the latest CRB code.
- Disabled VE.

BIOS Version 0059

About This BIOS:

- August 25, 2008
- CBQ4510H.86A.0059.2008.0825.1655
- GBE firmware bin version: ICH10D_82567LM_A0
- PXE Option Rom file: Intel UNDI,PXE-2.1 kit387754 (build 086)
- ME Version: 8.5.0.1.1111
- RAID Option Rom version: 8.5.2.1002

New Fixes/Features:

- Fixed issue where changing the memory configuration by adding or removing one or more DIMMs, the system does not detect the current memory configuration properly.
- Added the patch for NvRam backup solution.
- Enabled PDR Region in Fitc configuration table.
- Fixed issue where system will always do full reset when clearing CMOS.
- Fixed issue where after BIOS is updated by iFlash or Express BIOS Update, enabling ITPM, ITXT and VTD will cause system hang at post code EB.
- Fixed issue where processor information is incorrect.
- Fixed issue when setting Intel® ME Power package as 3 and After Power Failure as Last State, then enter S3 state, remove the system power and then plug in, the system does not boot.
- Fixed issue where installing any password (User or Administrator), the Intel® ME fails.
- Changed iQST display frequency to 1 second.
- Fixed issue where the ME recovery function does not find any USB mass storage.
- Corrected the SATA Rapid recovery Oproam and SATA RAID Oproam.
- Fixed issue where the system will lose one or more devices attached on the SATA ports when it is in RAID Mode.
- Fixed issue where system can not perform auto recovery when update BIOS fails.

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

- Added the AMT setup 2.1 function.
- Fixed the VPRO PET test fail issue.
- Fixed issue when typing a valid password 3 times, CTRL+ALT+DEL still can perform a system reset.
- Fixed issue where Chassis Intrusion message will be shown twice.

BIOS Version 0051

About This BIOS:

- August 13, 2008
- CBQ4510H.86A.0051.2008.0813.2253
- GBE firmware bin version: ICH10D_82567LM_A0
- PXE Option Rom file: Intel UNDI,PXE-2.1 kit387754 (build 086)
- ME Version: 8.5.0.1.1111
- RAID Option Rom version: 8.5.2.1002

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.