



BIOS Update Release Notes

PRODUCTS: DQ77MK, DQ77CP (Standard BIOS)

BIOS Version 0050 - MKQ7710H.86A.0050.2012.0830.1022

About This Release:

- Date: August 30, 2012
- ME Firmware: 8.0.13.1502
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.2.0.1527
- LAN 82579 Option ROM: v1381 PXE 2.1 Build 091
- LAN 82574 Option ROM: v1381 PXE 2.1 Build 091
- MEBx Code: Based on Version 8.0.0.0063

Note:

When using MK0050.BIO with the Intel® Integrator Toolkit (ITK) version 5.0.0, these errors may occur:

- **Error: Unsupported Logo.**
- **The opened BIOS does not have this support.**

If you need to use ITK version 5.0.0 to customize the BIOS for Intel® Desktop Board DQ77MK or DQ77CP, do not update to BIOS version 0050. This problem will be fixed in ITK version 5.0.1 and later.

New Fixes/Features:

- Fixed issue where "Press 2" prompt is displayed when updating BIOS with a custom BIOS from Intel® Integrator Toolkit.
- Fixed issue where the error message "CMOS Checksum error" displays when drive is encrypted.
- Fixed issue with UEFI Linux* installation.
- Added setup item "Memory Reference Multiplier".

BIOS Version 0049 - MKQ7710H.86A.0049.2012.0724.1241

About This Release:

- Date: July 24, 2012
- ME Firmware: 8.0.13.1502
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.2.0.1527
- LAN 82579 Option ROM: v1381 PXE 2.1 Build 091
- LAN 82574 Option ROM: v1381 PXE 2.1 Build 091
- MEBx Code: Based on Version 8.0.0.0063

New Fixes/Features:

- Fixed issue with Fast Boot.
- Fixed issue where SMBIOS values cannot be overwritten.
- Fixed issue where BIOS cannot perform IDE-R.
- Fixed issue where fan responsiveness value cannot be set in BIOS.
- Fixed issue with Windows XP SLP 1.0 Activation*.
- Added the visible way to enter MEBx.

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

- Fixed issue where SATA mode changes to IDE mode after BIOS Recovery.

BIOS Version 0048 - MKQ7710H.86A.0048.2012.0704.1457

About This Release:

- Date: July 4, 2012
- ME Firmware: 8.0.13.1502
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.2.0.1527
- LAN 82579 Option ROM: v1381 PXE 2.1 Build 091
- LAN 82574 Option ROM: v1381 PXE 2.1 Build 091
- MEBx Code: Based on Version 8.0.0.0063

New Fixes/Features:

- Fixed issue where board exceeds VR temperatures under stress.
- Fixed issue where USB drives are not removed from boot order list when USB BOOT is disabled.
- Fixed issue where the memory multiplier does not match the speed under memory overrides on the Performance page.
- Fixed issue with add-on PCI LAN card.
- Updated Intel® ME firmware to version 8.0.13.1502.
- Update SATA RAID Option ROM to version 11.2.0.1527.
- Fixed issue with Primary Video Adapter function.
- Fixed issue where iFlash and BIOS recovery fails.
- Fixed issue with front panel USB ports.
- Fixed issue where Intel® Graphics Performance Analyzers is missing from the Video page in BIOS setup.
- Fixed issue where IGD Minimum Memory is missing from BIOS Setup.
- Fixed issue where monitor will not display on IGD when setting IGD as the first option under Detected Video Device Priority.
- Fixed issue where monitor always outputs to VGA port whatever setting of IGD primary or IGD secondary video port.
- Updated UEFI Boot Options if hard drive already has UEFI operating system installed.
- Fixed issue where the eSATA port shows as an external port in Rapid Storage Technology software.
- Fixed issue with Hard Disk Pre-Delay.
- Fixed issue where the Supervisor password is still listed and in a locked state with full access level.
- Fixed reboot issue with USB keyboards.
- Updated processor support.
- Fixed issue where L2 cache is incorrect.
- Fixed issue where HDMI/DisplayPort Audio should be removed from Onboard Devices page.
- Fixed issue where Hide All does not work under Expansion Card Text.
- Fixed issue where PS/2 mouse can wake up unit from S4.
- Fixed issue where PS/2 keyboard does not work during POST and setup after setting PS/2 Port to Disabled.
- Updated password feature to allow special characters.

BIOS Version 0039 - MKQ7710H.86A.0039.2012.0504.1937

About This Release:

- Date: May 4, 2012
- ME Firmware: 8.0.10.1464
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.0.0.1339
- LAN 82579 Option ROM: v1381 PXE 2.1 Build 091
- LAN 82574 Option ROM: v1381 PXE 2.1 Build 091
- MEBx Code: Based on Version 8.0.0.0063

New Fixes/Features:

- Updated Intel® ME firmware to version 8.0.10.1464.
- Updated MEBx to version 8.0.0.0063.
- Updated processor support.
- Fixed issue with USB charging.
- Fixed issue where LAN/Secondary LAN options are lost from onboard device page in BIOS Setup after setting supervisor or user password.
- Updated the S.M.A.R.T. item default value.
- Fixed issue where Detected Video Device Priority still lists IGD Video device after setting Integrated Graphics Device to Enable if Primary.
- Updated vBIOS to version Build 2132 PC 14.34.

BIOS Version 0034 - MKQ7710H.86A.0034.2012.0320.2026

About This Release:

- Date: March 20, 2012
- ME Firmware: 8.0.3.1427
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.0.0.1339
- LAN 82579 Option ROM: v1381 PXE 2.1 Build 091
- LAN 82574 Option ROM: v1381 PXE 2.1 Build 091
- MEBx Code: Based on Version 8.0.0.0061

New Fixes/Features:

- Initial production BIOS release

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