



BIOS Update Release Notes

PRODUCTS: DQ57TM (Standard BIOS)

BIOS Version 0036 - TMIBX10H.86A.0036.2010.0521.1809

About This Release:

- May 21, 2010
- Integrated Graphics Option ROM Revision on TM: 2017 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 1998 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 086, v1.3.40
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.1.1045
- MEBx Code: Based on Version 6.1.0.0005

New Fixes/Features:

- Added a check for ME firmware version before BIOS update and if ME version is the same, skip the ME update.
- Updated vBIOS to version 2017 and included Dual display support.
- Updated to EFI MEBx driver version 6.1.0.0005.
- Fixed issue where WHQL TCG TPM Integration Test (Manual) fails.
- Updated ME firmware to production version 6.1.1.1045.
- Updated PCH reference code to the latest label.
- Updated processor support.

BIOS Version 0033 - TMIBX10H.86A.0033.2010.0423.1324

About This Release:

- April 23, 2010
- Integrated Graphics Option ROM Revision: 2017 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 086, v1.3.40
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.0.1042
- MEBx Code: Based on Version 6.1.0.0002

New Fixes/Features:

- Updated ME firmware to production version 6.1.0.1042.
- Enabled the Compatibility Revision ID (CRID) feature.
- Updated CPU L2 & L3 cache for setup and SMBIOS.
- Updated vBIOS to version 2017.

BIOS Version 0032 - TMIBX10H.86A.0032.2010.0407.1625

About This Release:

- April 7, 2010
- Integrated Graphics Option ROM Revision: 1994 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 086, v1.3.40
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.0.30.1203

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

- MEBx Code: Based on Version 6.0.3.0019

New Fixes/Features:

- Fixed issue where the system hangs when executing the command "itoolkit ext -config" with the parameter of "DEVICE=HIMEM.SYS /testmem:on" in config.sys.
- Updated vBIOS to version 1994.
- Updated MCH and PCH reference code to the latest label.
- Updated processor support.
- Fixed issue where the MCH gauge shows in Intel® Desktop Utilities.
- Added lock TPM NVRAM function.

BIOS Version 0031 - TMIBX10H.86A.0031.2010.0325.1347

About This Release:

- March 25, 2010
- Integrated Graphics Option ROM Revision: 1973 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 086, v1.3.40
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.0.30.1203
- MEBx Code: Based on Version 6.0.3.0019

New Fixes/Features:

- Modified Setup item "Wake On LAN S5" to support Boot PXE option when system wake on LAN from S5.
- Modified TPM Platform-specific action to transition from Shutdown to Reboot.

BIOS Version 0029 - TMIBX10H.86A.0029.2010.0203.1403

About This Release:

- February 3, 2010
- Integrated Graphics Option ROM Revision: 1973 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 086, v1.3.40
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.0.30.1203
- MEBx Code: Based on Version 6.0.3.0019

New Fixes/Features:

- Fixed issue where installing Windows XP* over the network fails without keyboard.
- Fixed issue with onboard LAN item displaying incorrectly with AMT enable/disable in MEBx.
- Updated vBIOS to version 1973.
- Fixed ECC Event logging failure with certain processors.
- Fixed issue related to hard disk password.
- Fixed issue where monitor does not remain in sleep state when waking system from S1, S3.
- Fixed issue where external SATA port cannot be disabled in AHCI and RAID mode.
- Fixed issue where onboard LAN and Intel® ME fails after an Express BIOS Update.
- Added support for NTFS file system in BIOS Flash menu (F7).
- Hid Performance page for Intel® Integrator Toolkit (ITK).
- Changed SMBIOS type10 onboard device name string of IGD.
- Implemented Security Phase 1 & 2.

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- Fixed issue where 3rd party RAID card shows an initialization error.
- Updated QST payload to 1228.
- Updated Intel® ME firmware to production version 1203.
- Fixed issue where iAMT Web GUI is missing media information.
- Disabled hard disk password in RAID mode.
- Improved the WARNING message on "Reset Intel AMT to default factory settings" in EFI MEBx.
- Corrected string "Resetting Intel(R) AMT in progress..." in Maintenance Mode.
- Added a global reset after flash update.
- Fixed issue where BIOS fails to report watchdog timeout to ME event log.
- Fixed trailing spaces on System Manufacturer field.

BIOS Version 0025 - TMIBX10H.86A.0025.2009.1202.2128

About This Release:

- December 02, 2009
- Integrated Graphics Option ROM Revision: 1931 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 086, v1.3.40
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.0.2.1194
- MEBx Code: Based on Version 6.0.3.0019

New Fixes/Features:

- Initial production BIOS release

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