



## BIOS Update Release Notes

### PRODUCTS: DQ57TM, DQ57TML (Standard BIOS)

**BIOS Version 0039 - TMIBX10H.86A.0039.2010.0907.1056**

#### About This Release:

- September 7, 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:

- Updated processor support.

**BIOS Version 0038 - TMIBX10H.86A.0038.2010.0615.1502**

#### About This Release:

- June 15, 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:

- Fixed issue where some USB ports are not usable when enabled for Backwards Compatibility Mode in BIOS setup.
- Fixed issue with USB storage when USB Boot is disabled in BIOS.
- Fixed issue where system will not boot with certain graphics card installed.

**BIOS Version 0037 - TMIBX10H.86A.0037.2010.0528.1504**

#### About This Release:

- May 28, 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

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

**Note:** Updating your desktop board to this BIOS version will cause all BIOS settings to return to factory default values. If you have customized any BIOS settings, make note of them prior to installing this update so that you can set them again after the update is complete.

**New Fixes/Features:**

- Fixed issue where legacy floppy drive cannot read floppy disk under DOS and operating system.
- Modified mapping of USB front panel ports.

**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

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- 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 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.

<b>BIOS Version 0031 - TMIBX10H.86A.0031.2010.0325.1347</b>
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**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.

<b>BIOS Version 0029 - TMIBX10H.86A.0029.2010.0203.1403</b>
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**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.

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- 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.
- Fixed issue where 3<sup>rd</sup> 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.

<b>BIOS Version 0025 - TMIBX10H.86A.0025.2009.1202.2128</b>
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**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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