BIOS Update Release Notes

PRODUCTS: DQ57TM, DQ57TML (Standard BIOS)

BIOS Version 0046 - TMIBX10H.86A.0046.2011.0722.0944

About This Release:

- Date: July 22, 2011
- Integrated Graphics Option ROM Revision on TM: 2114 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 2114 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 090, v1.3.76
- SATA RAID Option ROM Revision: 10.6.0.1091
- ME Firmware: 8MB SKU 6.1.20.1059
- MEBx Code: Based on Version 6.1.0.0005

New Fixes/Features:

- Fixed issue where SMBIOS updates fail when sendlength = HECI buffer size.
- Updated PXE ROM to version 1376.
- Updated vBIOS to version 2114.
- Updated RAID Option ROM to version 10.6.0.1091.

BIOS Version 0045 - TMIBX10H.86A.0045.2011.0621.1016

About This Release:

- June 21, 2011
- Integrated Graphics Option ROM Revision on TM: 2111 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 2111 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 089, v1.3.65
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.20.1059
- MEBx Code: Based on Version 6.1.0.0005

New Fixes/Features:

- Fixed issue where system locks when UPS USB cable is attached.

BIOS Version 0044 - TMIBX10H.86A.0044.2011.0420.1427

About This Release:

- April 20, 2011
- Integrated Graphics Option ROM Revision on TM: 2111 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 2111 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 089, v1.3.65
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.20.1059
- MEBx Code: Based on Version 6.1.0.0005

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

New Fixes/Features:

- Corrected the blink pattern of CPU thermal trip event.
- Fixed issue with extremely slow operating system installation more than 8GB memory is installed.
- Fixed issue with PS/2 keyboard and Wake from S4.
- Updated vBIOS to version 2111.

BIOS Version 0043 - TMIBX10H.86A.0043.2011.0322.1643

About This Release:

- March 22, 2011
- Integrated Graphics Option ROM Revision on TM: 2086 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 2086 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 089, v1.3.65
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.20.1059
- MEBx Code: Based on Version 6.1.0.0005

New Fixes/Features:

- Fixed issue where system hangs or resets when AHCI mode is set and a S.M.A.R.T. failure occurs.
- Fixed issue where Intel® Desktop Utilities displays no data when UEFI Boot is enabled.
- Implemented USB "No Detect" function.
- Fixed issue where certain PCI video cards cannot be recognized by the operating system.

BIOS Version 0042 - TMIBX10H.86A.0042.2011.0120.1116

About This Release:

- January 20, 2011
- Integrated Graphics Option ROM Revision on TM: 2086 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 2086 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 089, v1.3.65
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.20.1059
- MEBx Code: Based on Version 6.1.0.0005

New Fixes/Features:

- Fixed issue with Intel ME firmware update.

BIOS Version 0041 - TMIBX10H.86A.0041.2011.0112.1545

About This Release:

- January 12, 2011
- Integrated Graphics Option ROM Revision on TM: 2086 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 2086 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 089, v1.3.65
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.20.1059

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- MEBx Code: Based on Version 6.1.0.0005

New Fixes/Features:

- Corrected "Processor Upgrade" value in DMI Type 4.

BIOS Version 0040 - TMIBX10H.86A.0040.2010.1207.1533

About This Release:

- December 7, 2010
- Integrated Graphics Option ROM Revision on TM: 2086 PC 14.34
- Integrated Graphics Option ROM Revision on TM Legacy: 2086 PC 14.34
- PXE LAN Option ROM Revision: PXE 2.1 Build 089, v1.3.65
- SATA RAID Option ROM Revision: 9.5.0.1037
- ME Firmware: 8MB SKU 6.1.20.1059
- MEBx Code: Based on Version 6.1.0.0005

New Fixes/Features:

- Fixed issue where BIOS does not save AMT fields correctly.
- Updated ME firmware to production version 6.1.20.1059.
- Fixed issue where OA2Intel.exe will not remove BIOS SLIC tables with the ERASE command.
- Updated vBIOS to version 2086.
- Updated PXE ROM to version 1365.
- Fixed audio issue with USB hub.

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:

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- 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

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:

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

- 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
- 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

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

- 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.
- 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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