![intel logo]

BIOS Update Release Notes

PRODUCTS: DQ35JO, DQ35DP (Standard BIOS)

BIOS Version 0693

About This Release:
- September 20, 2007
- JOQ3510J.86A.0693.2007.0919.2156
- VBIOS info:
  Build Number: 1508 PC 14.27 06/08/2007 13:40:32.
- SATA RAID info:
  Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
  Version UPSD src 04-20-2007 for ICH9
- PXE Nahum2 info:
  Intel(R) Boot Agent GE v1.2.50.
- ME firmware build: ME FW binary PV build iAMT_ASF2_QST_3.0.1.1104.

New Fixes/Features:
- Filled in missing language strings.
- AMT 3.0: Sync up to MEbx Version 3.0.2.0004.
- AMT: Increased FQDN and PKI DNS Suffix input box maximum string length.
- Fixed issue where CMOS battery removed could cause AMT option to be missing.
- Added new Video rom: Build Number: 1508 PC 14.27 06/08/2007 13:40:32
- SMBIOS Type 9 Slot Information fixes.
- Added half ratio support.
- AMT 3.0: Fixed AMT WebUI report multiple keyboard test.
- Changed the method of getting ME FW capability through MEBx instead of hardcoded.
- SMBios Type 130: Fix the AMT mode detection issue.
- Modified AMT3.0 Type 130 SMBIOS structure.
- Fixed issue where PMM calls would sometimes fail incorrectly.
- iQST: Fixed issue show error message when user install invalid payloads through ITK.
- Excluded the ME related error event for non-ME platform.
- AMT platform: Moved the LAN enable check function before entering the setup.
- Added BIOS workaround to allow Windows* XP restart to function correctly.
- Workaround on DVMT GraphicsDriverMemorySize Option value to fulfill IIA requirement.

BIOS Version 0677

About This Release:
- August 31, 2007
- JOQ3510J.86A.0677.2007.0831.0433

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

- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14.
- SATA RAID info: Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum2 info: Intel(R) Boot Agent GE v1.2.50.
- ME firmware build: ME FW binary PV build iAMT_ASF2_QST_3.0.1.1104.

New Fixes/Features:
- ICH9: Added recommended BIOS spec update 1.1 changes.
- Added support for booting El-Torito HDD emulation Memtest86+ with AHCI Option ROM.
- Fixed issue where ITK or IIA could not read boot drives' model strings.
- Changed ACPI SPCR table to only be present when a remote AMT SOL request is made.
- Fixed issue where ITK or IIA could not access Boot Priority List when all the boot devices disabled in the BIOS setup.
- Removed fix where the BIOS was potentially using all processor variable MTRRs.
- AMT: Fixed setup domain name does not get saved in DHCP mode.

BIOS Version 0669

About This Release:
- August 22, 2007
- JOQ3510J.86A.0669.2007.0821.2354
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14.
- SATA RAID info: Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum2 info: Intel(R) Boot Agent GE v1.2.50.
- ME firmware build: ME FW binary PV build iAMT_ASF2_QST_3.0.1.1104.

New Fixes/Features:
- Fixed issue where ITK/IIA could not set Boot Order if the Boot Menu Type in the BIOS setup was set to Advance.
- Fixed potential issue with the Windows* Logo Kit 1.0c TPM ACPI Physical Presence Interface (TPMPPI.EXE) test.
- Raid OPTION ROM: Intel(R) RAID for SATA – v7.6.0.1011.
- Fixed Floppy Drive option missing in boot priority list on legacy free board.
- Fixed VA option not grayed out after supervisor password set.
- Updated CK505 clock chip driver to make it robust for multiple platforms.
- Fixed AMT page option not grayed out after supervisor password set.
- Fixed issue where certain USB bar code scanners would drop a single character if used under USB Legacy.
- Fixed slow recovery which takes 60-120 seconds.
- Added to support eSata on port3.
- Fixed issue where all the information (include ME version) in "Additional System Information" page is lost, after the language is changed.
- Fixed system hang while language is not selected after language list message pop-out.
- Changed displayed SOL copyright to 2007.
- Added PSID support.
- Lock SPI flash descriptor for production BIOS.

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- Flashing a large BMP Logo caused inability to reflash and possibly not boot.
- Added ITK Data Var Type 3 to store VAREQ variable.
- Fixed issue where the BIOS was potentially using all processor variable MTRRs.
- Workaround an intermittent failure seen with EFI_VARIABLE in Windows* environment.
- Fixed for initializing OemDefault variable to proper size.
- Fixed "Validate the Consistency of the TCPA EventLog" failure with Windows* Logo Kit 1.0c TPM BIOS Interface Logo Test.
- CK505: Switch SATA PLL to PLL2, only when Burn In mode is supported and enabled.
- Added support for writing a new variable through .bio capsule.

BIOS Version 0559

About This Release:
- July 26, 2007
- JOQ3510J.86A.0559.2007.0726.0425
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14.
- SATA RAID info: Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum2 info: Intel(R) Boot Agent GE v1.2.50.
- ME firmware build: ME FW binary PV build iAMT_ASF2_QST_3.0.1.1104.

New Fixes/Features:
- Initial production BIOS release