



BIOS Update Release Notes

PRODUCTS: DG41KR (Standard BIOS)

BIOS Version 0032 - KRG4110H.86A.0032.2010.0628.1643

About This Release:

- June 28, 2010
- Integrated Graphics Option ROM: Build 1859 PC 14.34
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 083)

New Fixes/Features:

- Updated MRC version to V2.81.

BIOS Version 0031 - KRG4110H.86A.0031.2010.0402.1008

About This Release:

- April 2, 2010
- Integrated Graphics Option ROM: Build 1859 PC 14.34
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 083)

New Fixes/Features:

- Updated memory voltage setting in setup menu.
- Fixed issue where system hangs when setting SDRAM control to "Manual-User Defined".
- Updated PXE ROM.
- Fixed issue where memory size shows less than 3175 MB available when 4 GB memory is installed.
- Fixed issue where system hangs after flash bios update.
- Fixed issue where passwords show "Not installed" after flash bios update.
- Fixed issue where BIOS allowed a different product BIOS to be flashed.

BIOS Version 0029 - KRG4110H.86A.0029.2009.1218.1746

About This Release:

- December 18, 2009
- Integrated Graphics Option ROM: Build 1859 PC 14.34
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 083)

New Fixes/Features:

- Fixed issue where DDR3 memory voltage should start from 1.50V.
- Removed non-reboot Flash method.
- Fixed issue where Supervisor Password and User Password will show "Not installed" in error.

- Fixed issue where USB front ports do not work in BIOS when setting "USB Ports" to "Enable Rear Only".
- Fixed issue where USB devices will show in the Boot menu of BIOS Setup and in the F10 menu when "USB Boot" is disabled.
- Fixed issue where default option of Chassis Intrusion should be "Log only".
- Fixed issue where system can't access F10/F12 menus after installing a password.
- Updated processor support.
- Implemented Security Phase 2.

BIOS Update 0027 - KRG4110H.86A.0027.2009.1019.2129
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About This Release:

- October 19, 2009
- Integrated Graphics Option ROM: Build 1859 PC 14.34
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 083)

New Fixes/Features:

- Fixed issue where system hangs at post code "EB" when PCIe x1 video cards installed.
- Fixed issue where USB device can't display in F10 menu after "USB boot" set to disabled in setup menu.
- Removed unsupported setup items in Intel® Integrator Toolkit map file.
- Fixed issue where beep sound keep repeating with postcode "21" after processor heatsink is connected.
- Fixed issue where Processor Thermal Trip error event is not detected by BIOS.
- Implemented support for BIOS downgrade protection.

BIOS Version 0026 - KRG4110H.86A.0026.2009.0923.1822

About This Release:

- September 23, 2009
- Integrated Graphics Option ROM: Build 1859 PC 14.34
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 083)

New Fixes/Features:

- Initial production BIOS release

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