



## BIOS Update Release Notes

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### PRODUCTS: DG41MJ (Standard BIOS)

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BIOS Version 0004
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**About This Release:**

- June 29, 2009
- MJG4110H.86A.0004.2009.0629.1645
- VBIOS info:
  - Build Number: 1718 PC 14.34
- PXE Nahum info: REALTEK\* RTL8111D-GR Boot Agent PXE Base Code (PXE-2.1 build 082,V2.20,080826)

**Note:**

BIOS Supervisor password (if set) is now required to downgrade a BIOS to a previous version.

**New Fixes/Features:**

- Implemented updates to improve security.
- Updated SMM module version update to 4.6.3\_SMM\_38.
- Fixed failure to Suspend to RAM/S3 on Fedora\* 10 and Ubuntu\* 9.04.
- Fixed LAN in S3 resume issue.
- Modified Chassis Intrusion.
- Fixed "Legacy Floppy and USB Flash Drive access from DOS".
- Fixed issue where E7600 processor frequency displayed wrong in BIOS.
- Implemented F7 BIOS Update Tool.
- Fixed issue where USB Keyboard cannot be used to enter Setup when USB ports are disabled.
- Modified EM64T string.
- Fixed issue where missing processor SMBIOS information causes WHQL test failures.
- Fixed issue where after setting the boot menu, the floppy drive disappears in the operating system.
- Fixed issue with WHQL CRASH failure with certain graphics cards.
- Fixed issue where F7 BIOS Update Tool cannot recognize certain ISO9660 images.
- Fixed issue where BIOS boot order disappears after pressing F9 with a BIOS modified by Intel® Integrator Toolkit.
- Fixed issue where the device containing a .BIO file does not appear in Bios Flash Update menu.
- Fixed issue where detect keyboard in DXE phase fails on very rare occasions.
- Fixed ACPI error in Windows\* Event Log.
- Fixed issue where POST will wait for user to press F1 key when SMART boot drive is enabled in Setup and a failure occurs.
- Changed the "Boot Device Priority" default boot order in normal mode.

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

## BIOS Version 0003

### About This BIOS:

- March 13, 2009
- MJG4110H.86A.0003.2009.0313.1434
- VBIOS info: Build Number: 1718 PC 14.34
- PXE Nahum info: REALTEK RTL8111D-GR Boot Agent PXE Base Code (PXE-2.1 build 082,V2.20,080826)

### New Fixes/Features:

- Fixed issue where system won't auto-power on when "Wake system from S5" is enabled, and then flashing BIOS with reboot parameter.
- Updated POST flash hotkey (F7) to add filename extension filter of BIO.
- Fixed issue that prevented flashing BIO of other platforms under POST flashing (F7).
- Fixed issue where BIOS will stop at check point 0x51/0x50 about 1 minute before boot when populating the USB flash drive.
- Changed help message in POST flashing (F7).
- Added "Configure SATA as" setup option in legacy mode.
- Enhanced POST speed.
- Fixed issue where some 3D Games will hang when using certain graphics cards.
- Fixed issue where detecting keyboard in DXE phase fails on very rare occasions.
- Fixed issue where ACPI error occurs in Windows Event Log.
- Fixed issue where POST will wait for user to press F1 key when SMART boot drive is enabled in Setup and a failure occurs.

## BIOS Version 0002

### About This BIOS:

- January 12, 2009
- MJG4110H.86A.0002.2009.0112.1041
- VBIOS info: Build Number: 1718 PC 14.34
- PXE Nahum info: REALTEK\* RTL8111B-GR Boot Agent PXE Base Code (PXE-2.1 build 082)

### New Fixes/Features:

- Initial production BIOS release

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