



## BIOS Update Release Notes

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### PRODUCTS: DQ87PG (Standard BIOS)

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BIOS Version 0036 - PGQ8710H.86A.0036.2013.0702.1908

#### About This Release:

- Date: July 2, 2013
- Visual BIOS: 2.0.23 Production Candidate Build
- ME Firmware: 9.0.2.1345
- Integrated Graphics
  - Option ROM: Build 2170 PC 14.34
  - UEFI Driver: 5.0.1025
- LAN
  - Option ROM: v1403 PXE 2.1 Build 091
  - UEFI Driver: 5.1.00
- SATA RAID Option ROM: v12.0.0.1783
- MEBx Code: Based on Version 9.0.0.0023

#### New Fixes/Features:

- Fixed issue where Cooling Assistant does not work in Visual BIOS.
- Fixed issue with SATA port display string in Boot menu.
- Fixed issue where Graphics Voltage Target Multiplier (V) item should be removed.
- Fixed issue where USB3.0 hard drives can be detected when all USB3.0 ports are set to "No detect".
- Fixed WHQL issues for SMBIOS HCT and USB Exposed Port System Test.

BIOS Version 0035 - PGQ8710H.86A.0035.2013.0606.1800 Released

#### About This Release:

- Date: June 6, 2013
- Visual BIOS: 2.0.23 Production Candidate Build
- ME Firmware: 9.0.2.1345
- Integrated Graphics
  - Option ROM: Build 2170 PC 14.34
  - UEFI Driver: 5.0.1025
- LAN
  - Option ROM: v1403 PXE 2.1 Build 091
  - UEFI Driver: 5.1.00
- SATA RAID Option ROM: v12.0.0.1783
- MEBx Code: Based on Version 9.0.0.0023

#### New Fixes/Features:

- Fixed issue where custom logo is not kept after BIOS recovery.
- Fixed issue where logo will not display during Recovery.
- Fixed issue where if Hard Drive Password Prompt is disabled, BIOS will never prompt for a Hard Drive password unless attempting to boot to a drive with a User Hard Drive Password installed.
- Added BIOS Recovery beep support.

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

- Fixed issue where boot priority in UEFI mode is changed after rebooting from the operating system.
- Added support to use ITK Custom Boot Order as the Default Boot Order.
- Fixed BIOS Config Menu display strings when secure jumper is removed.
- Fixed the F3 Disable Fast boot function when the Power Button menu is displayed.
- Fixed the unsupported password key character warning beep.
- Updated Visual BIOS to version 2.0.23.
- Updated processor support.
- Fixed issue where Cooling Assistant does not work in Visual BIOS.
- Fixed issue with screen capture in Visual BIOS.
- Fixed issue where there is no illustration for the back panel.
- Fixed issue where some items display abnormally in ITK 5.0.
- Fixed SMBIOS DIMM information.
- Changed Setup item string [C6/C7 C-state] to [Lowest CPU Idle Power Setting].
- Added XTU improvement.
- Fixed issue where IGD Primary Video output shows incorrectly under UEFI only mode.
- Fixed IGD Minimum Memory issue.
- Fixed issue with Internal UEFI Shell.
- Fixed issue where HDD Passwords are still required when setting disabling Hard Disk Drive Password Prompt.
- Modified PCH deep S4/S5.
- Fixed issue where LEDs have the different state as when the platform is in S3.
- Fixed issue where the SATA Ports' location shown in "SATA Devices" does not match the board.
- Added Ctrl+P display and setup item.
- Changed the default value of POST Code Routing item to LPC Debug Header.
- Fixed issue where switching to text BIOS setup does not work with SOL.
- Fixed issue where PCI LAN card cannot wake system from S3, S4.
- Fixed issue where PCI modem cannot wake system from S3.
- Implemented C6/C7 C-state support.
- Added support for PCH deep S4/S5.
- Fixed issue with Active Processor Cores.
- Fixed issue with HDD password length.

<b>PGQ8710H.86A.0030.2013.0403.1355 Released Candidate BIOS</b>
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**About This Release:**

- Date: April 3, 2013
- Visual BIOS: 2.0.17 Beta Build
- ME Firmware: 9.0.1.1345
- Integrated Graphics
  - Option ROM: Build 2170 PC 14.34
  - UEFI Driver: 5.0.1025
- LAN
  - Option ROM: v1403 PXE 2.1 Build 091
  - UEFI Driver: 5.1.00

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- SATA RAID Option ROM: v12.0.0.1783
- MEBx Code: Based on Version 9.0.0.0023

**New Fixes/Features:**

- Initial production BIOS release

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