BIOS Update Release Notes

PRODUCTS: DH61AGL (Standard BIOS)

BIOS Version 0023 - AGH6120H.86A.0023.2013.1009.1142

About This Release:

- Date: October 09, 2013
- ME Firmware: 8.1.30.1350
- Integrated Graphics Option ROM: 2137 PC 14.34
- 3rd Generation EFI driver (GOP): 3.0.15.1016
- 2nd Generation EFI driver (GOP): 2.0.36.1019
- LAN Option ROM: v1376 PXE 2.1 Build 090

New Fixes/Features:

- Added Platform Key installed feature.
- Disabled USB Wake up function when pressing power button in DOS mode.

BIOS Version 0022 - AGH6120H.86A.0022.2013.0703.1738

About This Release:

- Date: July 3, 2013
- ME Firmware: 8.1.30.1350
- Integrated Graphics Option ROM: 2137 PC 14.34
- 3rd Generation EFI driver: 3.0.15.1016
- 2nd Generation EFI driver: 2.0.36.1019
- LAN Option ROM: v1376 PXE 2.1 Build 090

New Fixes/Features:

- Enabled PC beep function.
- Updated processor support.
- Fixed issue with packet loss on the Ethernet controller.
- Update Intel® ME firmware to version 8.1.30.1350

BIOS Version 0020 - AGH6120H.86A.0020.2012.1129.1955

About This Release:

- Date: November 29, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: 2137 PC 14.34
- 3rd Generation EFI driver: 3.0.15.1016
- 2nd Generation EFI driver: 2.0.36.1019
- LAN Option ROM: v1376 PXE 2.1 Build 090

New Fixes/Features:

- Updated verb table for Windows 8* WHCK.
- Modified DMI type and string issues:
  - Fixed type 0 Rom Size.
  - Fixed type 3 Chassis type.

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    - Fixed type 17 Manufacturer string.
    - Fixed type 41 Sound Device type.
- Removed Screen Brightness from All-in-One Chassis parameters and allow end users to change it after AiO chassis selected/locked.

BIOS Version 0019 - AGH6120H.86A.0019.2012.1107.1455

About This Release:

- Date: November 7, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: 2137 PC 14.34
- 3rd Generation EFI driver: 3.0.15.1016
- 2nd Generation EFI driver: 2.0.36.1019
- LAN Option ROM: v1376 PXE 2.1 Build 090

New Fixes/Features:

- Updated Visual BIOS to version 1.2.2.
- Fixed USB port control issue with USB flash disk in Boot menu.

BIOS Version 0018 - AGH6120H.86A.0018.2012.01022.1849

About This Release:

- Date: October 22, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: 2137 PC 14.34
- 3rd Generation EFI driver: 3.0.15.1016
- 2nd Generation EFI driver: 2.0.36.1019
- LAN Option ROM: v1376 PXE 2.1 Build 090

New Fixes/Features:

- Added button repeat mode for brightness button.
- Fixed webcam test failure in Windows 8 WHCK*.
- Updated Intel® Integrator Toolkit support:
    - Updated Boot Order section.
    - Fixed issue with language support.
    - Added internal Fast Boot solution.
    - Updated Wake on LAN S5 PXE boot and F12 hotkey PXE boot when legacy boot is disabled.
- Updated to Visual Bios version 1.2.1.
- Updated All-in-One Chassis mode.
- Changed internal PWM output from enable to disable in the operating system.
- Updated Intel® ME 8 firmware to version 8.1.2.1318.
- Fixed WHCK secure boot issue.
- Added Screen Brightness functions in GOP mode.

BIOS Version 0015 - AGH6120H.86A.0015.2012.00926.1822

About This Release:

- Date: September 26, 2012
- ME Firmware: 8.1.0.1248
- Integrated Graphics Option ROM: 2137 PC 14.34
- 3rd Generation EFI driver: 3.0.15.1016
- 2nd Generation EFI driver: 2.0.36.1019

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- LAN Option ROM: v1376 PXE 2.1 Build 090

New Fixes/Features:

- Changed default for "Max Inverter Current Limit" to 70%.
- Added inverter polarity function.
- Fixed issue with USB Controller Power State Test for WHCK*.
- Updated PC beep function.
- Fixed no beep issue for Power Button Recovery and Power Button Menu.
- Changed LG* chassis inverter frequency from 200 to 240.
- Added panel type selection.
- Changed the LVDS_Config "eDP" to "No local flat panel".
- Updated processor support.
- Fixed issue where yellow background appears when LVDS is disabled.
- Changed default value of Video output port to HDMI in All-in-One Chassis mode.
- Updated boot display algorithm when panel configuration is locked.
- Added DTD overwrite for LP-215x, 22AM33NB, and 3NOD chassis.
- Updated chassis support for Wibtek* A23 (23.6"), 22AM33NB, and 3NOD chassis.
- Added image size (dimension) overwrite function to fix WHCK screen size error.
- Fixed issue with display brightness in Windows 7*.
- Fixed issue where LAN fails after resuming from S4 in Windows 8* and WHCK RTM test.
- Updated UEFI boot option with advanced boot order style.
- Fixed issue where power button recovery causes flash update failure.
- Fixed issue where audio sound repeats during first POST.

BIOS Version 0011 - AGH6120H.86A.0011.2012.0829.2059

About This Release:

- Date: August 29, 2012
- ME Firmware: 8.1.0.1248
- Integrated Graphics Option ROM: 2137 PC 14.34
- LAN Option ROM: v1376 PXE 2.1 Build 090

Note:

When using AGL0011.BIO with the Intel® Integrator Toolkit (ITK) version 5.0.0, these errors may occur:

- Error: Unsupported Logo.
- The opened BIOS does not have this support.

This problem will be fixed in ITK version 5.0.1 and later.

New Fixes/Features:

- Initial production BIOS release

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