



BIOS Update Release Notes

PRODUCTS: DZ68DB (Standard BIOS)

BIOS Version 0048 - DBZ6810H.86A.0048.2018.1024

About This Release:

- Date: October 24, 2018
- ME Firmware: 7.1.60.1193, 8.1.20.1336
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091

New Fixes/Features:

- Updated CPU Microcode (Security Advisory-00115).

BIOS Version 0047 - DBZ6810H.86A.0047.2018.0409

About This Release:

- Date: April 9, 2018
- ME Firmware: 7.1.60.1193, 8.1.20.1336
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091

New Fixes/Features:

- Updated CPU Microcode (Security Advisory-00088)
- Updated ME8 firmware to version 8.1.20.1336.
- Updated ME7 firmware to version 7.1.60.1193.
- Updated RAID Option ROM to version 11.6.0.1702.
- Updated LAN Option ROM to version 1403 PXE 2.1 Build 091.

BIOS Version 0043 - DBZ6810H.86A.0043.2012.0615.2054

About This Release:

- Date: June 15, 2012
- ME Firmware: 7.1.52.1176, 8.0.13.1502
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.2.0.1527
- LAN Option ROM: v1395 PXE 2.1 Build 091

Warning:

BIOS version 0040 includes support for future 22nm processors. Due to structural changes in this BIOS version, once a board has been converted to this version or later, it will no longer be possible to downgrade the BIOS to version 0032 or earlier. Attempting a BIOS downgrade to a previous version may fail - the board BIOS will remain at its current version.

To fully enable support for future processors, follow the special BIOS update steps at [Updating the BIOS on 6 Series chipset desktop boards.](#)

New Fixes/Features:

- Fixed issue where memory speed in Intel® Desktop Utilities does not match speed in BIOS after memory is overclocked or down-clocked.
- Fixed WHQL WLK PCI Compliance Failure when using add-in video.
- Fixed issue where Graphics Max Multiplier cannot be written with certain processors.
- Fixed issue where system configured for RAID mode does not boot to the operating system with UEFI Boot without a keyboard attached.
- Fixed issue where the watchdog timer fails to cause the system to reboot after hanging in POST.
- Updated processor support.
- Updated RAID option ROM to version 11.2.0.1527.
- Updated Intel® ME firmware to versions 7.1.52.1176 and 8.0.13.1502.

BIOS Version 0042 - DBZ6810H.86A.0042.2012.0518.1812

About This Release:

- Date: May 18, 2012
- ME Firmware: 7.1.40.1161, 8.0.10.1464
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.1.0.1413
- LAN Option ROM: v1395 PXE 2.1 Build 091

Warning:

BIOS version 0040 includes support for future 22nm processors. Due to structural changes in this BIOS version, once a board has been converted to this version or later, it will no longer be possible to downgrade the BIOS to version 0032 or earlier. Attempting a BIOS downgrade to a previous version may fail – the board BIOS will remain at its current version.

To fully enable support for future processors, follow the special BIOS update steps at [Updating the BIOS on 6 Series chipset desktop boards.](#)

New Fixes/Features:

- Fixed issue where turbo boost does not work.
- Fixed issue where IGD Primary Video Port and IGD Secondary Video Port do not work properly.
- Fixed issue where overclocking does not work as expected after previous BIOS update.
- Fixed issue where F7 Update fails after changing the settings of Processor Overrides page.
- Updated processor support.
- Updated VBIOS to version 2132.
- Updated LAN option ROM to version 1395.
- Updated Intel® ME Firmware to versions 7.1.40.1161 and 8.0.10.1464.

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

About This Release:

- Date: March 16, 2012
- ME Firmware: 7.1.30.1142, 8.0.0.1294
- Integrated Graphics Option ROM: Build 2119 PC 14.34
- SATA RAID Option ROM: v11.1.0.1413
- LAN Option ROM: v1381 PXE 2.1 Build 091

Warning:

BIOS version 0040 includes support for future 22nm processors. Due to structural changes in this BIOS version, once a board has been converted to this version or later, it will no longer be possible to downgrade the BIOS to version 0032 or earlier. Attempting a BIOS downgrade to a previous version may fail – the board BIOS will remain at its current version.

To fully enable support for future processors, follow the special BIOS update steps at [Updating the BIOS on 6 Series chipset desktop boards.](#)

Known issue

Intel has identified an issue with this BIOS version, where the ability to overclock the system is not working after the BIOS update. Intel regrets any inconvenience caused by this issue and is working to provide corrected BIOS version as soon as possible.

New Fixes/Features:

- Fixed issue where "Audio Device on High Definition Audio Bus" shows an error in Device Manager.
- Fixed issue with DIMM module compatibility that causes an operating system installation issue.
- Fixed issue where integrated LAN shows an error in Device Manager* when certain graphics card is installed.
- Fixed issue where dual channel memory mode is not detected properly.
- Fixed issue where DMI information can't be read with ReadDMI* tool.
- Updated processor support.
- Updated RAID Option ROM to version 11.1.0.1413.
- Updated LAN Option ROM to version 1381.
- Fixed issue where system does not boot when "Memory Configuration" is set to "Manual – User Defined".
- Added DDR3 low voltage DIMM module support.
- Disabled Keyboard not found event logging.
- Updated BIOS to show the XMP Option in Setup Menu.
- Modified Intel® Desktop Utilities maximum system memory.
- Fixed issue where system hangs at POST code '0d' when using PCIe GEN3 VGA card.
- Fixed issue where system hangs during POST with USB optical drive.
- Changed the term "HyperBoot" to "Fast Boot".
- Fixed issue where USB 3.0 will show an error in Device Manager* if Fast boot is enabled.

- Fixed issue where monitor will not remain in sleep state after wake up from S3.
- Fixed issue where system hangs at POST code EB if a USB-powered DVDROM has no media.

BIOS Version 0032 - DBZ6810H.86A.0032.2011.0928.1502

About This Release:

- Date: September 28, 2011
- ME Firmware: 7.1.20.1119 CPT_1.5M_Production.BIN
- Integrated Graphics Option ROM: Build 2119 PC 14.34
- SATA RAID Option ROM: v10.6.0.1091
- LAN Option ROM: v1376 PXE 2.1 Build 090

New Fixes/Features:

- Updated the ITE889X module for Ex/Cx performance improvement.
- Updated LAN Option ROM to version 1376 PXE 2.1 Build 090.
- Updated Intel® ME firmware to version 7.1.20.1119.

BIOS Version 0029 - DBZ6810H.86A.0029.2011.0811.1134

About This Release:

- Date: August 11, 2011
- ME Firmware: 7.1.14.1107 CPT_1.5M_Production.BIN
- Integrated Graphics Option ROM: Build 2119 PC 14.34
- SATA RAID Option ROM: v10.6.0.1091
- LAN Option ROM: v1365 PXE 2.1 Build 089

New Fixes/Features:

- Updated OA3 support.
- Fixed issue where system hangs when accessing RAID option ROM with certain RAID CARDS.
- Updated processor support.
- Updated RAID option ROM to v10.6.0.1091
- Fix issue where when hiding FSC Fan configuration settings through Intel® Integrator Toolkit, the respective settings are locked in BIOS instead of hidden.
- Updated Intel® ME firmware to v7.1.14.1107.
- Updated VBIOS to v2119.
- Fixed issue where re-plugging a USB keyboard may reboot the system.
- Removed extra PCI Latency Timer option.

BIOS Version 0027 - DBZ6810H.86A.0027.2011.0722.1018

About This Release:

- Date: July 22, 2011
- ME Firmware: 7.1.14.1107 CPT_1.5M_Production.BIN
- Integrated Graphics Option ROM: Build 2119 PC 14.34
- SATA RAID Option ROM: v11.0.0.1124
- LAN Option ROM: v1365 PXE 2.1 Build 089

New Fixes/Features:

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- Fixed issue where FSC Fan configuration settings are locked instead of hidden when updating via Intel® Integrator Toolkit.
- Updated processor support.
- Updated RAID option ROM to v11.0.0.1124.
- Updated Intel® ME to v7.1.14.1107.
- Updated VBIOS to v2119.
- Added the EIP number 61586, SMM Dispatcher accessing outside of SMM to get pointer for SMM Base Protocol InSmm.
- Fixed issue where system reboots when re-plugging a USB keyboard.
- Removed extra PCI Latency Timer option.
- Modified FITC IPT ODM ID to 0x8086.
- Added SATA hot-plug feature.
- Fixed iflash2 cold boot issue

BIOS Version 0014 - DBZ6810H.86A.0014.2011.0413.1049

About This Release:

- April 13, 2011
- ME Firmware: 7.1.11.1069 CPT_1.5M_Production.BIN
- Integrated Graphics Option ROM: Build 2111 PC 14.34
- SATA RAID Option ROM: v10.5.0.976
- LAN Option ROM: v1365 PXE 2.1 Build 089

New Fixes/Features:

- Updated Raid Option ROM to v10.5.0.976
- Enable SATA port no matter if a hard drive or optical drive is connected or not
- Updated FSC.
- Updated monitor to remain in sleep from S3 via on-board LAN, PCI LAN and PCIe LAN.
- Fixed issue where help text of Hide all was lost.
- Converted HyperBoot strings to Fast Boot.

BIOS Version 0011 - DBZ6810H.86A.0011.2011.0401.1616

About This Release:

- April 1, 2011
- ME Firmware: 7.1.11.1069 CPT_1.5M_Production.BIN
- Integrated Graphics Option ROM: Build 2111 PC 14.34
- SATA RAID Option ROM: v10.5.0.916
- LAN Option ROM: v1365 PXE 2.1 Build 089

New Fixes/Features:

- Initial production BIOS release

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