



## BIOS Update Release Notes

---

### PRODUCTS: DZ75ML-45K (Standard BIOS)

---

**BIOS Version 0017 - MLZ7510H.86A.0017.2013.0516.1246**

#### **About This Release:**

- Date: May 21, 2013
- ME Firmware: 8.1.20.1336
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091
- Visual BIOS: 1.2.3

#### **New Fixes/Features:**

- Fixed issue where videos with 23.976 Hz format will show as 24.001 Hz.
- Fixed issue where Intel® Integrator Toolkit stops working on Windows 8\* Enterprise 32-Bit.
- Updated processor support.
- Fixed issue where the Line In (blue) and Mic In (pink) audio connectors on the back panel cannot be re-tasked.

**BIOS Version 0016 - MLZ7510H.86A.0016.2013.0312.1057**

#### **About This Release:**

- Date: March 15, 2013
- ME Firmware: 8.1.20.1336
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091
- Visual BIOS: 1.2.3

#### **New Fixes/Features:**

- Implemented global PK key.
- Fixed issue where sensor threshold's proposed value is mismatched with active value in BIOS after changes are made in Intel® Desktop Utilities.
- Updated Intel® ME 8 firmware to version 8.1.20.1336.
- Updated processor support.
- Fixed issue with Secure Boot when non-compliant Legacy video card is installed.
- Fixed issue where computer hangs on boot after BIOS update if UEFI boot is enabled.
- Fixed RAID issue where prompt 'Create Volume Fail' error occurs when entering BIOS setup when Secure Boot is enabled and SATA Mode is set to RAID.
- Fixed issue where computer powers down with certain graphics card and USB front panel card reader installed.

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

- Fixed issue where system always boots from USB flash drive even when it is disabled.
- Fixed issue with certain USB card reader.
- Fixed issue where system boots to black screen with only a cursor and does not boot to the operating system.

**BIOS Version 0014 - MLZ7510H.86A.0014.2012.1121.1507**

**About This Release:**

- Date: November 21, 2012
- ME Firmware: 8.1.2.1318
- Memory Reference Code: Based on IVB 1.70
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091

**New Fixes/Features:**

- Fixed issue where PCIe x1 or x4 devices are not detected.
- Updated processor support.

**BIOS Version 0013 - MLZ7510H.86A.0013.2012.1114.1338**

**About This Release:**

- Date: November 14, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091

**New Fixes/Features:**

- Updated Visual BIOS to version 1.2.3.
- Fixed issue where XMP-2400MHz DIMMs are not supported in Channel B.

**BIOS Version 0012 - MLZ7510H.86A.0012.2012.1105.1843**

**About This Release:**

- Date: November 5, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091

**New Fixes/Features:**

- Fixed issue where system hangs with 1066 MHz memory.

**BIOS Version 0011 - MLZ7510H.86A.0011.2012.1030.1120**

**About This Release:**

- Date: October 11, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091

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

**New Fixes/Features:**

- Updated Visual BIOS to version 1.2.2.
- Updated Lucid Universal\* MVP Keys.

<b>BIOS Version 0010 - MLZ7510H.86A.0010.2012.1011.1958</b>
---

**About This Release:**

- Date: October 11, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- SATA RAID Option ROM: v11.6.0.1702
- LAN Option ROM: v1403 PXE 2.1 Build 091
- 3rd Generation EFI driver: 3.0.15.1016
- 2nd Generation EFI driver: 2.0.36.1019

**New Fixes/Features:**

- Updated VBIOS to version 2143.
- Updated Visual BIOS to version 1.2.1.
- Fixed issue with MSFT KEK leaf certificate expired.
- Fixed LAN packet drop issue.
- Fixed issue where TV tuner card is not recognized.
- Fixed issue where certain keyboards and mice are not detected during boot.
- Fixed issue where system cannot boot to USB KEY1 during Secure Boot Manual Test.
- Fixed issue where memory multiplier does restore to default when setting XMP Profile to automatic or loading default setting.
- Fixed issue where operating system installation fails in native UEFI mode.
- Updated processor support.
- Updated RAID Option ROM to version 11.6.0.1702.
- Updated PXE Option ROM to version 1.4.03.
- Updated Intel Visual BIOS to version 1.2.0.
- Updated Intel® ME 8 firmware to version 8.1.2.1318.
- Added Windows 8\* support.

<b>BIOS Version 0006 - MLZ7510H.86A.0006.2012.0907.1307</b>
---

**About This Release:**

- Date: September 7, 2012
- ME Firmware: 8.1.0.1248
- Integrated Graphics Option ROM: Build 2132 PC 14.34
- SATA RAID Option ROM: v11.1.0.1413
- LAN Option ROM: v1381 PXE 2.1 Build 090

**New Fixes/Features:**

- Initial production BIOS release

---

---

**LEGAL INFORMATION**

---

---

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

**Information in this document is provided in connection with Intel Products and for the purpose of supporting Intel developed server/desktop boards and systems.**

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel Corporation may have patents or pending patent applications, trademarks, copyrights, or other intellectual property rights that relate to the presented subject matter. The furnishing of documents and other materials and information does not provide any license, express or implied, by estoppel or otherwise, to any such patents, trademarks, copyrights, or other intellectual property rights. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

Intel is a trademark of Intel Corporation in the US and other countries.  
Copyright (c) 2012 Intel Corporation.