



## BIOS Update Release Notes

### **PRODUCTS: D53427RKE, DC53427HYE (Standard BIOS)**

**BIOS Version 0033 - RKPPT10H.86A.0033.2014.0519.1931**

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

- Date: May 19, 2014
- ME Firmware: 8.1.40.1416
- Integrated Graphics Option ROM: Build 2158 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- EFI driver (GOP): 3.0.1023
- Visual BIOS: 1.2.15

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

- Fixed issue where Intel wireless adapters lose connectivity.
- Enhanced the protection of certain UEFI variables as described in Intel Security Advisory INTEL-SA-00038.

**BIOS Version 0032 - RKPPT10H.86A.0032.2014.0303.1322**

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

- Date: March 3, 2014
- ME Firmware: 8.1.40.1416
- Integrated Graphics Option ROM: Build 2158 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- EFI driver (GOP): 3.0.1023
- Visual BIOS: 1.2.15

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

- Added cold restart to fix Enable TXT function failure.
- Updated message when no bootable device is found.
- Fixed Linux installation issue.

**BIOS Version 0030 - RKPPT10H.86A.0030.2013.1129.1128**

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

- Date: November 29, 2013
- ME Firmware: 8.1.40.1416
- Integrated Graphics Option ROM: Build 2158 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- EFI driver (GOP): 3.0.1023
- Visual BIOS: 1.2.15

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

- Fixed issue where intermittent boot hang occurs when certain USB camera is connected.
- Updated processor microcode.
- Changed default setting for Failsafe Watchdog to Disabled.

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

- Updated the display of turbo ratio on the Performance page in BIOS setup.
- Added support for Ubuntu\* boot solutions.

**BIOS Version 0028 - RKPPT10H.86A.0028.2013.1016.1429**

**About This Release:**

- Date: October 16, 2013
- ME Firmware: 8.1.40.1416
- Integrated Graphics Option ROM: Build 2158 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- EFI driver (GOP): 3.0.1023
- Visual BIOS: 1.2.15

**New Fixes/Features:**

- Updated Intel® ME firmware to version 8.1.40.1416.
- Changed DVMT default value to 32MB.
- Updated Intel boot logo.
- Updated Secure Boot module.

**BIOS Version 0023 - RKPPT10H.86A.0023.2013.0529.1711**

**About This Release:**

- Date: May 29, 2013
- ME Firmware: 8.1.30.1350
- Integrated Graphics Option ROM: Build 2158 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- EFI driver (GOP): 3.0.1023
- Visual BIOS: 1.2.15

**New Fixes/Features:**

- Fixed issue with hotkey <9> for Intel® Integrator Toolkit.
- Fixed Max range of IGD current Limit (Amps) in Performance > Graphics to a value of 33.
- Added Turbo boost items in BIOS Setup.
- Fixed issue where system hangs during IDER boot when there is no mSATA device.
- Fixed issue where hotkey does not work in SOL display.
- Removed Maximum Non-Turbo Ratio item from BIOS Setup.
- Removed Boot Menu Type item from BIOS Setup Classic mode.

**BIOS Version 0017 - RKPPT10H.86A.0017.2013.0425.1251**

**About This Release:**

- Date: April 25, 2013
- ME Firmware: 8.1.30.1350
- Integrated Graphics Option ROM: Build 2158 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- EFI driver (GOP): 3.0.1023
- Visual BIOS: 1.2.15

**New Fixes/Features:**

- Initial production BIOS release

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