



## BIOS Update Release Notes

**PRODUCTS: D33217GKE, D33217CK, DCP847SKE, DC3217IYE, DC3217BY, DCCP847DYE (Standard BIOS)**

**BIOS Version 0039 - GKPPT10H.86A.0039.2013.0304.1142**

### About This Release:

- Date: March 4, 2013
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: Build 2158 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- 3rd Generation EFI driver: 3.0.1023
- 2nd Generation EFI driver: 2.0.1024
- Visual BIOS: 1.2.7

**Note: Certain models of HDMI display monitors or HDTVs may not be able to access the Intel Visual BIOS interface. A text-only BIOS setup mode will be displayed instead.**

### New Fixes/Features:

- Updated VBIOS to version 2158.
- Updated EFI drivers to version 3.0.1023 and 2.0.1024.
- Updated Intel Visual BIOS to version 1.2.7.
- Modified the TV feature of VBIOS.
- Fixed issue with IGD DVMT item in BIOS.
- Fixed issue with Power Button menu.
- Fixed 32-bit operating system memory issue.
- Fixed PK Key issue.
- Fixed poor LAN performance issue.
- Changed default fan duty to 40%.

**BIOS Version 0036 - GKPPT10H.86A.0036.2012.1213.1503**

### About This Release:

- Date: December 13, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- 3rd Generation EFI driver: 3.0.1018
- 2nd Generation EFI driver: 2.0.1020
- Visual BIOS: 1.2.1

### New Fixes/Features:

- Fixed issue with LAN packet drop.
- Changed default Fan duty to 30%.
- Updated FITC setting (Boot Block size) from 64kb to 256kb.
- Fixed issue where system will halt or black out when booted without HDMI monitor.

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

- Fixed issue where system cannot wake from S3 with onboard LAN when Deep S4/S5 is enabled.

<b>BIOS Version 0032 - GKPPT10H.86A.0032.2012.1127.1710</b>
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**About This Release:**

- Date: November 27, 2012
- ME Firmware: 8.1.2.1318
- Integrated Graphics Option ROM: Build 2143 PC 14.34
- LAN Option ROM: v1404 PXE 2.1 Build 091
- 3rd Generation EFI driver: 3.0.1018
- 2nd Generation EFI driver: 2.0.1020
- Visual BIOS: 1.2.1

**New Fixes/Features:**

- Fixed issue where hard disk drive (HDD) password causes S3 sleep problem.
- Changed GOP setting for dual display issue.
- Fixed issue with 1066 MHz memory.
- Updated Intel® ME 8 firmware to version 8.1.2.1318.
- Updated VBIOS to version 2143.
- Updated PXE LAN to version 1.4.04.
- Updated to allow user to install/clean HDD password when system resets.
- Updated EFI drivers to versions 3.0.1018 and 2.0.1020.
- Updated system fan options to Auto and Manual.
- Fixed default memory voltage issue.
- Removed LAN option from D33217CK.
- Fixed issue where operating system cannot be installed.

<b>BIOS Version 0028 - GKPPT10H.86A.0028.2012.1102.1739</b>
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**About This Release:**

- Date: November 2, 2012
- ME Firmware: 8.1.0.1248
- Integrated Graphics Option ROM: Build 2137 PC 14.34
- LAN Option ROM: v1381 PXE 2.1 Build 091
- 3rd Generation EFI driver: 3.0.15.1016
- 2nd Generation EFI driver: 2.0.36.1019
- Visual BIOS: 1.2.1

**New Fixes/Features:**

- Fixed IGD DVMT Memory issues.
- Added SIO GP87 to drop Anti-Theft support.
- Fixed Thunderbolt\* issues:
  - Changed Setup item "TBWakeUpSupport" default value from Enable to Disable.
  - Added "Keep GPE event status" code for Thunderbolt device.
  - Removed Thunderbolt IO resource support.
  - Changed Thunderbolt SMI delay default value from 1ms to 10ms.
- Updated simple fan control code.
- Fixed issue where pressing Pause key during POST will show AMI\* logo at once.

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

**BIOS Version 0025 - GKPPT10H.86A.0024.2012.1011.1534**

**About This Release:**

- Date: October 9, 2012
- ME Firmware: 8.1.0.1248
- Integrated Graphics Option ROM: Build 2137 PC 14.34
- LAN Option ROM: v1381 PXE 2.1 Build 091
- 3rd Generation EFI driver: 3.0.14.1015
- 2nd Generation EFI driver: 2.0.32.1014
- Visual BIOS: 1.2.1

**New Fixes/Features:**

- Updated Visual BIOS to version 1.2.1.
- Removed Brightness Control option.
- Added "Display F12 for Network boot" option.
- Updated processor support.
- Fixed issue where system does not Wake-on-LAN when "Wake on LAN from S4/S5" is set to "Power On - PXE Boot".
- Improved Thunderbolt function.
- Fixed issue where two IGD secondary video ports appear.
- Fixed issue where Intel Integrator Toolkit 5.0 cannot modify SMBIOS data.
- Fixed issue where BIOS setup does not show "Chipset SATA mode" item.
- Fixed issue where system halts during POST if BIOS Setup Auto-Entry is enabled.

**BIOS Version 0020 - GKPPT10H.86A.0020.2012.0919.2135**

**About This Release:**

- Date: September 19, 2012
- ME Firmware: 8.1.0.1248
- Integrated Graphics Option ROM: Build 2137 PC 14.34
- LAN Option ROM: v1381 PXE 2.1 Build 091
- Visual BIOS: 1.2.0

**Note:**

When using GK0020.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 was fixed in ITK version 5.0.1 and later.

**New Fixes/Features:**

- Initial production BIOS release

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