



BIOS Update Release Notes

PRODUCTS: DP35DP, DG33TL, DG33BU, DG33FB (Standard BIOS)

BIOS Version 0484

About This Release:

- August 05, 2008
- DPP3510J.86A.0484.2008.0805.2031
- VBIOS info:
Build Number: 1653 PC 14.34 06/08/2008 20:37:36.
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 05-09-2008 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.3.22 Beta-1
- ME firmware build: ME FW binary PV build QST_3.2.1.1022.

New Fixes/Features:

- Locked MCH configuration.
- Changed display font from "(R)" to "@".
- Updated to Video BIOS v1653.
- Updated PXE code to Intel(R) Boot Agent GE v1.3.22.
- Added PXE info on Capsule Flex module.

BIOS Version 0437

About This Release:

- May 21, 2008
- DPP3510J.86A.0437.2008.0521.1933
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 12-03-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build QST_3.2.1.1022.

New Fixes/Features:

- Updated flash descriptor image with new VSCC.
- Fixed incorrect display of SATA ports on DG33FB.
- Fixed the 2 minutes boot delay during warm reboot problem plus the invalid DFROM TCM segment and TEM address issues.
- Fixed issue where certain USB hard drive did not work in USB legacy support.
- Fixed time-out failures with Extended INT 13 Seek Function (INT 13 Function 47).

- Fixed issue where the upper portion of the EAX and EDX register were getting corrupted during INT9 (keyboard handler) execution on no-SIO systems.
- Fixed incorrect restore of PIC mask register.
- Fixed S3 Resume time increase when 4GB installed.
- Updated iQST ME FW to 3.2.1.1022.
- Added support for duplicate BIOS ID.
- Fixed problem where Front Panel Audio does not show up in Peripheral Configuration page when connected.
- Changed BIOS setup string "VT Technology" to "Intel(R) VT" under Security Menu.
- Changed the strings for HD Audio Link and BP/FP Audio out.
- Optimized performance of ATAPI recovery routines.
- Allowed use of more than one CD device for ATAPI CD-ROM recovery.
- Fixed the title of the BIOS setup page get overlap by certain condition.

BIOS Version 0413

About This Release:

- March 06, 2008
- DPP3510J.86A. 0413.2008.0306.2218
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 12-03-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build QST_3.2.0.1018.

New Fixes/Features:

- Fixed BIOS update current to current.
- Fixed SATA AHCI Hot-Plug from the Intel Matrix Storage Manager driver.
- Updated Intel(R) ME Firmware to 3.2.0.1018.
- iQST: Fan detection improvement.
- Fixed F9 load default changed Wake on LAN from S5 option while it is grayed out.
- Fixed pressing the power button for more than 4 sec does not power off the PC.
- Fixed EIT/VA process data overwriting Interrupt vector table.
- Removed pre-production ME Firmware from BIOS update capsule.
- Added support to select the appropriate voltage based on CPU and FSB speed.
- Updated Txt Ac modules.
- Fix for TXT Bios_OS_Data reporting.
- Update TXT Heap BIOS_OS_DATA.
- TXT Fix for GetSec SCHECK.
- Change VT-d Tables for Txt.
- Fixed the incorrect naming "+3.3v" in Hardware Monitoring Page, "+3.3v Standby" will be the right naming.
- Fixed hang at POST 5A with certain optical drive.

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

BIOS Version 0407

About This Release:

- February 18, 2008
- DPP3510J.86A.0407.2008.0218.0923
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 12-03-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Fixed issue where S3 wake will fail intermittently on RAID mode.
- Fixed issue of long boot time due to no media in SATA optical drive when set to AHCI/RAID mode.
- Updated MRC to build 2.4.
- Fixed issue where L2 cache size will not be displayed in BIOS setup.
- Fixed a problem where IERR got asserted on certain CPUs.
- Fixed a problem where the system would hang on S3 resume during SMM relocation.
- Fixed issue where graphics cards that don't support 800x600 mode will not display anything on screen during POST.
- Fixed language switching and 'Exit discard changes' could slow down responsive of BIOS setup page.
- Fixed possible hang at POST code 0x5A with certain video cards attached to the system.
- Added support to select the appropriate voltage based on CPU and FSB speed.
- Fixed a problem where system would boot slow with 8GB of memory in the system, and booting to a 64bit OS.

BIOS Version 0372

About This Release:

- January 29, 2008
- DPP3510J.86A.0372.2008.0129.0418
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 12-03-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Fixed manufacturing S3 hang issue.
- Fixed Resume from S3 issue.

BIOS Version 0353

About This Release:

- January 26, 2008
- DPP3510J.86A.0353.2008.0126.0305
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 12-03-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Removed Vista x64 boot performance with 4GB RAM fix.
- Removed fix blue screen during Vista UEFI installation.

BIOS Version 0348

About This Release:

- January 23, 2008
- DPP3510J.86A.0348.2008.0123.2016
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 12-03-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Added support for new DP35DP SKU (BOXDP35DPC)

BIOS Version 0345

About This Release:

- January 21, 2008
- DPP3510J.86A.0345.2008.0121.1919
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 12-03-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Added support for SATA AHCI Hot-Plug from the Intel Matrix Storage Manager driver.
- Fixed Vista* x64 boot performance with 4GB RAM or more.

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

- Fixed the IIA Boot Order missing issue.
- Fixed blue screen during Vista UEFI installation.
- Added Intel Rapid Recovery Technology feature.
- Added workaround of option ROM which has an invalid PCI Expansion ROM Header.
- Fixed issue where VGA is not found behind a bridge.
- Fixed POST code 5Ah hang with SATA HDDs and PCI Graphics card in Slot 2.
- Changed the method of getting ME FW capability through MEBx instead of hard coded.
- Updated processor support.

BIOS Version 0326

About This Release:

- December 06, 2007
- DPP3510J.86A.0326.2007.1206.2256
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.6.0.1011
- SATA AHCI info:
Version UPSD src 08-24-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Updated Chassis Type SMBIOS structure.
- Fixed HDD detection after cold reboot in AHCI mode.
- Updated processor support.

BIOS Version 0305

About This Release:

- November 12, 2007
- DPP3510J.86A.0305.2007.1112.1145
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info:
Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Updated processor support.

BIOS Version 0297

About This Release:

- October 23, 2007
- DPP3510J.86A.0297.2007.1022.2244
- VBIOS info:

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

Build Number: 1533 PC 14.27 08/28/2007 09:51:53

- SATA RAID info:
Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info:
Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Removed fan detection feature.
- Updated processor support.
- Optimized boot time.
- Set SATA type to IDE by default to avoid blue screen when installing operating system.

BIOS Version 0293

About This Release:

- October 02, 2007
- DPP3510J.86A.0293.2007.1002.1519
- VBIOS info:
Build Number: 1533 PC 14.27 08/28/2007 09:51:53
- SATA RAID info:
Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info:
Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- G33/P35 BIOS specification update to Rev2.2
- Updated Video ROM to build 1533
- Fixed issue where user need to hit power button twice to power up system when first turn on from AC Off
- Added Software Mode manufacturing mode support.

BIOS Version 0287

About This Release:

- September 20, 2007
- DPP3510J.86A.0287.2007.0920.1254
- VBIOS info:
Build Number: 1508 PC 14.27 06/08/2007 13:40:32
- SATA RAID info:
Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info:
Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info:
Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Updated DVMT memory size options per IIA requirements
- Updated Video ROM to build 1508

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

- Updated ICH9 codes to BIOS spec 1.1 updates
- Fixed issue where error message shown when user install invalid payloads for iQST via ITK.

BIOS Version 0276

About This Release:

- September 03, 2007
- DPP3510J.86A.0276.2007.0903.1413
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14
- SATA RAID info: Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info: Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Updated CK505 clock driver for better multiple platform support.
- Fixed issue where IIA or ITK could not set boot order correctly in both normal and advance boot menu mode.
- Fixed issue where IIA or ITK could not read boot drive model strings
- Fixed issue where ITK or IIA could not access Boot Priority List when all the boot devices disabled in the BIOS Setup

BIOS Version 0267

About This Release:

- August 1, 2007
- DPP3510J.86A.0267.2007.0801.2302
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14
- SATA RAID info: Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info: Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Updated MRC to v2.3
- Fixed issue where some USB keyboards may hang up or oversensitive.
- Fixed intermittent failure with EFI_VARIABLE.
- Added support for writing new variable through BIO capsule.
- Added ITK Data Var Type 3 to store VAREQ variable

BIOS Version 0262

About This Release:

- July 23, 2007
- DPP3510J.86A.0262.2007.0723.1620
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14
- SATA RAID info: Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info: Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1104

New Fixes/Features:

- Fixed issue of ECIR unable to be detected in OS.
- Fixed incorrect display of cache size for multi-core processors.
- Remove floppy menu screen for boards that don't support it.
- Fixed issue where the BIOS was potentially using all processor variable MTRRs.
- Updated MRC to version 2.2
- Updated processor support.
- Updated ME FW to build 3.0.1.1104
- Fixed intermittent issue with EFI_VARIABLE in Windows environment
- Fix for initializing custom default values to proper size
- Added dynamic serial and parallel port support
- Fixed issue where Quad core CPU not able to run in single processor mode
- Fixed ACPI failures when running Vista* DTM TCG TPM test
- Fixed slow boot time observed at POST 0x34
- Added QST support for new processors

BIOS Version 0249**About This Release:**

- June 25, 2007
- DPP3510J.86A.0249.2007.0625.1327
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14
- SATA RAID info: Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info: Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1072

New Fixes/Features:

- Changed SVID of ITE* PATA controller chip back to its default value.
- Fixed issue where BIOS recovery failed to function on systems with more than 2GB memory installed.
- Turn on ME_ENABLE bit in CK505 clock before ME initialization in S3 resume
- Improved S3 resume time by enabling SPI pre-fetching
- Fixed issue where language selection and language display are not matched after user pressed F9/loaded default in BIOS setup.
- Fixed problem of Yellow Bang in Device Manager for Vista* for Mass Storage Controller
- Added dynamic detection of onboard devices for the SMBIOS Type 10 info update.

BIOS Version 0246**About This Release:**

- June 13, 2007
- DPP3510J.86A.0246.2007.0613.1659
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14
- SATA RAID info: Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info: Intel(R) Boot Agent GE v1.2.50 Beta-1

- ME firmware build: ME FW binary PV build 1072

New Fixes/Features:

- Fixed OCUR support
- Fixed Microsoft* OEM Activation 2.0 support
- Added support for CK505 SLG845168BT clock part
- Fixed potential firmware corruption issue
- Improved S3 resume time by 400msec.
- Updated processor support
- Updated clock part programming
- Fixed issue where Language selection and language display mismatch after pressing Ctrl+Alt+Del
- Added MCH thermal sensor minimal reading note in Hardware Monitoring page.

BIOS Version 0216

About This Release:

- May 02, 2007
- DPP3510J.86A.0216.2007.0502.1916
- VBIOS info: Build Number: 1471 PC 14.27 03/23/2007 16:54:14
- SATA RAID info: Intel(R) RAID for SATA - v7.5.0.1017
- SATA AHCI info: Version UPSD src 04-20-2007 for ICH9
- PXE Nahum info: Intel(R) Boot Agent GE v1.2.50 Beta-1
- ME firmware build: ME FW binary PV build 1072

New Fixes/Features:

- Initial production BIOS release

LEGAL INFORMATION

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) 2008 Intel Corporation.

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