



BIOS Update Release Notes

PRODUCTS: D945GCPE (Standard BIOS)

BIOS Version 0069

About This BIOS:

- December 4, 2008
- PE94510M.86A.0069.2008.1204.1528
- VBIOS info:
Build Number: 1374
- PXE Nahum info:
Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Fixed BIOS VPD Corruption.
- Fixed Miscellaneous Chipset Register Test Fail

BIOS Version 0067

About This BIOS:

- September 18, 2008
- PE94510M.86A.0067.2008.0915.1641
- VBIOS info:
Build Number: 1374
- PXE Nahum info:
Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Added BIOS POST LED control for memory error and thermal trip.

BIOS Version 0065

About This BIOS:

- August 1, 2008
- PE94510M.86A.0065.2008.0801.1803
- VBIOS info:
Build Number: 1374
- PXE Nahum info:
Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Fixed issue where new BIOS SETUP settings may contain random data when using Flex EFI Variable updates.
- Fixed a potential VPD corruption issue.
- Added verification of empty (0xFF) SPI space before writing the variable.
- Moved MTC and memory configuration data to CMOS.
- Added BIOS POST LED control.
- Fixed issue where USB camera causes long POST delay.
- Clearing Keyboard buffer prior to boot.

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BIOS Version 0064

About This BIOS:

- February 15, 2007
- PE94510M.86A.0064.2008.0215.1714
- VBIOS info:
Build Number: 1374
- PXE Nahum info:
Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Updated processor support

BIOS Version 0062

About This BIOS:

- January 16, 2007
- PE94510M.86A.0062.2008.0116.1512
- VBIOS info:
Build Number: 1374
- PXE Nahum info:
Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Updated the graphics for Express BIOS Update.
- Blocked certain CPU if its frequency less than or equal to 2.0GHz.
- Updated processor support.
- Fixed issue where a synthetic reset test environment causes UHCI USB abnormal.
- Unblocked 6FB processor if its frequency less than or equal to 2.0GHz.
- Fixed potential variable corruption issue.
- Fixed issue where Wake from S3 would not turn off empty PCI slot clock.
- Added support for flash part "EON EN25F40".

BIOS Version 0058

About This BIOS:

- September 6, 2007
- PE94510M.86A.0058.2007.0905.2158
- VBIOS info: Build Number: 1374
- PXE Nahum info: Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Fixed issue where after iflash from previous BIOS causing unable to boot from Lan device.
- Removed unsupported Intel Precision Cooling feature.
- Fixed issue where boot devices that are disabled from F2 setup or IIA are not correctly reflected in EPCSUTILWIN/ITK/IIA after a reboot.
- Fixed issue where after doing an ITK Remove and changing the Boot Menu Type to Advanced, normal boot list is empty.
- Fixed issue where ITK or IIA could not access Boot Priority List when all the boot devices disabled in the BIOS Setup.

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- Fixed issue where Advanced boot order is not being populated correctly in IIA.
- Added boot order to map file "Do Not Show" list.

BIOS Version 0054

About This BIOS:

- August 28, 2007
- PE94510M.86A.0054.2007.0828.1031
- VBIOS info: Build Number: 1374
- PXE Nahum info: Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Fixed problem where Express BIOS update can't show successful message after BIOS update.
- Fixed side effect of removal of incorrect "core multiplexing technology" feature showing on Celeron 4XX processor.
- Fixed problem where SMBIOS system manufacturer info can't be applied.
- Fixed problem where non-supported setup items in IIA utility not be grayed-out.
- Fixed problem where ITK is not able to set custom BIOS settings as the default settings.
- Fixed problem where certain CDROM drives cause a hang at POST.

BIOS Version 0050

About This BIOS:

- July 10, 2007
- PE94510M.86A.0050.2007.0710.1559
- VBIOS info: Build Number: 1374
- PXE Nahum info: Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Updated processor support.
- Set VT default as disable.
- Applied EHCI register update according to the ICH7 Specification update 2.3
- Fixed issue where SATA ODD does not close door when rebooting

BIOS Version 0046

About This BIOS:

- June 30, 2007
- PE94510M.86A.0046.2007.0630.1832
- VBIOS info: Build Number: 1374
- PXE Nahum info: Intel UNDI. PXE-2.1 (build 082)

New Fixes/Features:

- Initial production BIOS release

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