BIOS Update Release Notes

PRODUCTS: D845GLVA, D845GVSR, D845EPI (Standard BIOS)

BIOS Version P20

About This Release:
- May 4, 2006
- VA84510A.86A.0056.P20.0605040337
- Core Baseline version 01.03.00
- VBIOS build 3364
- UNDI 4.1.10

New Fixes/Features:
- Fixed issue when configure the BIOS with a Supervisor Password only and set the User Access Level to "No Access" or "View Only", all access to setup is blocked.
- Fixed the issue where supervisor/user password did not fully support non-alphanumeric keyboard characters.
- Added latest processor update.

BIOS Version P19

About This Release:
- March 17, 2005
- VA84510A.86A.0052.P19.0503162333
- Core Baseline version 01.03.00
- VBIOS build 3364
- UNDI 4.1.10

New Fixes/Features:
- Optimized to incorporate newer VBIOS and processor update.

BIOS Version P18

About This Release:
- September 23, 2004
- VA84510A.86A.0050.P18.0409222329
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Added USB disabled feature.
- Updated bad USB device list.
- Fixed USB boot hang issue for IOI* media bay USB device.
- Added latest processor update.

BIOS Version P17

About This Release:

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- September 6, 2004
- VA84510A.86A.0047.P17.0409052108
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Added JPEG logo support.
- Fixed PS/2 devices dropped issue if reset occurred during S1 sleep.

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BIOS Version P16
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About This Release:
- August 12, 2004
- VA84510A.86A.0045.P16.0408112353
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Fixed PXE boot issue.

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BIOS Version P15
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About This Release:
- July 19, 2004
- VA84510A.86A.0042.P15.0407182136
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Fixed third party USB mass storage device locks the system at boot issue.

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BIOS Version P14
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About This Release:
- July 7, 2004
- VA84510A.86A.0040.P14.0407062301
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Added latest processor update.
- Removed BIS support.
- Added new CPU brand string detection algorithm.

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BIOS Version P13
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About This Release:
- June 25, 2004
- VA84510A.86A.0038.P13.0426042003
- Core Baseline version 01.03.00
- VBIOS build 2759

- UNDI 4.1.10

New Fixes/Features:
- Added latest processor update.

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BIOS Version P12
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About This Release:
- April 14, 2004
- VA84510A.86A.0037.P12.0404132146
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Added CPU detection algorithm to block unsupported CPU usage.
- Fixed processor string display where non-whole number processor speed will be represented with two decimal places.

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BIOS Version P11
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About This Release:
- March 23, 2004
- VA84510A.86A.0035.P11.0403221644
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Added COM 2 support.
- Fixed CPU brand string error for new processors.

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BIOS Version P10
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About This Release:
- February 16, 2004
- VA84510A.86A.0030.P10.0402160229
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Added enhancement for future processor support.

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BIOS Version P09
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About This Release:
- February 11, 2004
- VA84510A.86A.0028.P09.0402100113
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.10

New Fixes/Features:
- Added L3 cache support.

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- Fixed some CPU string related failure
- Added enhancement for future processor support.
- Added RPL support.

BIOS Version P08

About This Release:
- September 26, 2003
- VA84510A.86A.0023.P08.0309261501
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.08

New Fixes/Features:
- Updated Japanese translations.
- Changed BIOS setup string from "PXE Boot to LAN" to "Boot from Network".
- Removed the UDMA mode-6 support as ICH4 doesn't support it.
- Removed Heceta 6 programming LOCK bit (not set).
- Fixed Stand-alone PCI video card doesn't functioning.
- Fixed a system hang problem during POST with third party USB Flash card reader/writer.

BIOS Version P07

About This Release:
- June 30, 2003
- VA84510A.86A.0019.P07.0306302145
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.08

New Fixes/Features:
- Fixed fail to boot-up with Windows* Recovery CD version 3.
- Fixed WHQL fail on unreported memory IO when PS/2 devices are not connected.
- Added ASF Support enable/disable switch in BIOS setup.

BIOS Version P06

About This Release:
- June 4, 2003
- VA84510A.86A.0016.P06.0306040109
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.08

New Fixes/Features:
- Fixed system hangs when booting to the MS-DOS* 6.22 Installation disk.
- Fixed issue where system locks up with certain memory testing programs.

BIOS Version P05

About This Release:
- May 16, 2003
- VA84510A.86A.0014.P05.0305161129
- Core Baseline version 01.03.00

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- VBIOS build 2759
- UNDI 4.1.08

New Fixes/Features:
- Added "Additional System Information" in BIOS Setup.
- Added the fix of removing unwanted noise in SigmaTel* codec by powering down CODEC output section even in suspend to RAM and hibernation mode.
- Fixed issue where system is bounced back from entering S3 after few attempts.
- Fixed issue where Adaptec* 1200A IDE RAID card is not bootable.
- Fixed typo error under Advanced -> Video Configuration -> Primary Video Adapter. Currently shows PCI Vide, should be PCI Video.
- Fixed loss of mouse control after BIOS updates.

BIOS Version P04

About This Release:
- March 29, 2003
- VA84510A.86A.0010.P04.0303291728
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.08

New Fixes/Features:
- Added support to boot from USB flash devices.
- Added minimum APM enabling that allows non-ACPI aware operating systems to manage power supply soft-off support.
- Added warning message that is displayed when a system is booted with a 533MHz system bus processor and a chipset, which only supports 400MHz system bus speeds.

BIOS Version P03

About This Release:
- February 28, 2003
- VA84510A.86A.0008.P03.0302280022
- Core Baseline version 01.03.00
- VBIOS build 2759
- UNDI 4.1.08

New Fixes/Features:
- Fixed issue on floppy recovery with an alternate SIO part.
- Changed ACPI OEM Revision field for all ACPI tables to contain the BIOS build date as YYYYMMDD.
- Implemented Dynamic date update for Copyright.
- Fixed WHQL failure that reported "FADT RESET_REG Register Bit Width can only be 8.
- Fixed issue with password less than 7 characters.
- Per vender recommendation the Audio Codec output is powered down before power is removed.
- Enabled the on Screen POST code display.

BIOS Version P02

About This Release:
- January 28, 2003
- VA84510A.86A.0006.P02.0301280655
- VBIOS build 2759
- UNDI 4.1.08

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New Fixes/Features:
- Initial release.