DATE: June 24, 2003
PRODUCT: D865GBF/D865GLC Standard BIOS

P08-0038 (Production 08, build 0038)

About This Release:
- June 24, 2003
- BF86510A.86A.0038.P08.0306241812
- Core Baseline version 01.05.00
- VBIOS build 2972
- UNDI 4.1.10
- 82547EI UNDI 1.2.10

New Fixes/Features:

- Added functionality to flash update the BIOS in runtime so that a reboot is not required in subsequent BIOS updates.
- Added work-around for IRQ sharing with Serial ATA native mode operation.
- Fixed issue with some SATA drives that were randomly not detected upon power cycles.
- Fixed an issue where some memory testing utilities were hanging when USB legacy support is enabled.
- Added ASF 1.03 support.
- Fixed an issue that caused a delay when booting to a floppy after attempting to boot to a non-bootable CD with two SATA drives attached.

P07-0036 (Production 07, build 0036)

About This Release:
- May 19, 2003
- BF86510A.86A.0036.P07.0305191051
- Core Baseline version 01.04.00
- VBIOS build 2972
- UNDI 4.1.10
- 82547EI UNDI 1.2.10

New Fixes/Features:

- Add a workaround for intermittent ACPI S3 resume failures.
- Added manual PCI IRQ routing to the BIOS.
- Fixed issue where Microsoft Windows XP legacy-to-native IDE runtime mode switching was not functioning.
- Fixed an issue where BIOS could not boot to USB Zip media when USB Zip was emulated as Floppy and the actual format of Zip media was HDD.
- Added error handling to IFLASH so that a BIOS upgrade failed message appears during POST when the BIOS update is

unsuccessful. Added increasing scale of beep tones when flash update is in progress.
- Fixed an issue, where some boards are hanging at CP-20h with CMOS battery re-installation or first power-up.
- Fixed missing FAN Speed menu problem. Also fixed an issue where SIO FAN TACH reading value was displayed incorrectly.
- Added Grayscale JPEG image support. Also added more robust error handling in JPEG decoder.
- Add "Additional System Information" in BIOS Setup Menu.
- Updated Video BIOS to build 2972.

P06-0033 (Production 06, build 0033)

About This Release:
- April 23, 2003
- BF86510A.86A.0033.P06.0304231704
- Core Baseline version 01.04.00
- VBIOS build 2919
- UNDI 4.1.10
- 82547EI UNDI 1.2.10

New Fixes/Features:

- Fixed a hang at POST code 2A on some Intel 82562EZ LAN configurations.
- Add latest processor update.
- Updated DPSD small Logo.
- Added support for Intel Express BIOS Update 2.0.

P05-0030 (Production 05, build 0030)

About This Release:
- April 16, 2003
- BF86510A.86A.0030.P05.0304161728
- Core Baseline version 01.04.00
- VBIOS build 2919
- UNDI 4.1.10
- 82547EI UNDI 1.2.10

New Fixes/Features:

- Fixed issue with Wake On LAN from ACPI S5 using Intel 82547EI LAN solution.
- Fixed intermittent hang at POST 2A and fixed 82547EI LAN disable issue on 82547EI LAN based boards.
- Fixed issue where when the floppy is disabled in BIOS Setup the system still booted to the floppy after exiting/escaping the Boot Device Popup Menu.
- Fixed a User Logo enable/disable runtime issue.
- Corrected ACPI S4 Sleep Type register value.

P04-0028 (Production 04, build 0028)

About This Release:
- April 14, 2003

- BF86510A.86A.0028.P04.0304140916
- Core Baseline version 01.04.00
- VBIOS build 2919
- UNDI 4.1.10
- 82547EI UNDI 1.2.10

New Fixes/Features:

- Fixed an issue with false memory test POST time error message appearing when no failures occur and when dual channel optimization message needs to appear.
- Integrated latest Intel ICH5 code.
- Fixed an issue where BIOS Hardware Health Monitor displays incorrect Fan speed.
- Added latest Memory Reference Code r1.20.
- Fixed issue where if first 512k memory test at POST code 0d4h hangs, system will revert to auto memory setting after third reset or power cycle.
- Fixed reporting of installed DIMM type in BIOS Setup main page.
- Fixed issue where IRQ12 is not allocated to PCI devices when no PS/2 mouse is installed in the system and USB Legacy is disabled.

P03-0024 (Production 03, build 0024)

About This Release:
- April 04, 2003
- BF86510A.86A.0024.P03.0304041329
- Core Baseline version 01.04.00
- VBIOS build 2919
- UNDI 4.1.10
- 82547EI UNDI 1.2.10

New Fixes/Features:

- Initial Production BIOS release