intel.

DATE: July 22, 2003
PRODUCT: D875PBZ Standard BIOS

P09-0041 (P09, build 0041)

About This Release:

July 22, 2003
BZ87510A.86A.0041.P09.0307221002
New database, flash 5 and flex BIOS
UNDI 4.1.10
LAN UNDI 1.2.10

New Fixes/Features:
- Added the Intel(R) ICH5R RAID Option ROM version v3.5.0.2568.
- Changed the note, displayed under Fan Control Configuration, to "The new settings will not take effect until system is completely shut down".
- Enhanced flash update algorithm to fix post code E9 hang issue.
- Intel® 875PE MCH BIOS Specification Update v1.4 & Memory Initialization Reference Code v1.3.
- Updated System Configuration Data
- Added error handling, Flash5 failed message during POST, lockdown the blocks
- Updated NWD F29 system configuration data
- Fixed display burn-in mode warning message during POST.

P08-0038 (P08, build 0038)

About This Release:

June 24, 2003
BZ87510A.86A.0038.P08.0306241736
New database, flash 5 and flex BIOS
UNDI 4.1.10
LAN UNDI 1.2.10

New Fixes/Features:
- Added the ability to enable center spread-spectrum host clocking via BIOS setup option.
- Fixed issue where Event log failed to clear on a reboot using a custom CMOS utility.
- Addressed an issue where a synthetic stress utility froze due

to an compatibility issue with USB legacy support.

P07-0036 (P07, build 0036)

About This Release:

    June 17, 2003
    BZ87510A.86A.0036.P07.0306170845
    New database, flash 5 and flex BIOS
    UNDI 4.1.10
    LAN UNDI 1.2.10

New Fixes/Features:
- Display "Processor Fan Speed", "Front Fan Speed", and "Rear Fan Speed" under "Hardware Monitoring" in the "Advanced" screen.
- Made the "RAID Enable/Disable" option a sub selection of the "Enhanced" SATA RAID selection. This means that RAID will only function in Enhanced Mode.
- Added ASF support for LAN
- Added faster ECC initialization support to shorten system POST time.
- Fixed the issue where ICH5 century byte makes system hang at post code 20
- Fixed the issue where boot block failed to recovery when BIOS flash update failed
- Added POST error message on a Flash update failure
- Added table for manual IRQ selection from CMOS setup
- Lowered power consumption of LAN when system is in S5.
- Added text display capability on JPEG/BMP.
- Added UserBinary 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.
- Fixed issue where Windows XP legacy-to-native IDE runtime mode switching was not functioning.
- Fixed issue where Event log fails to clear on a reboot using CMOS utility tool NCMOS.EXE.

P06-0030 (P06, build 0030)

About This Release:

    May 16, 2003
    BZ87510A.86A.0030.P06.0305161505
    New database, flash 5 and flex BIOS
    UNDI 4.1.10
    LAN UNDI 1.2.10

New Fixes/Features:
- Fixed compatibility issues with some DDR-400 memory.

- Fixed boot block fault tolerance test failure.
- Fixed multi-bit ECC errors not being logged.
- Fixed hardware monitoring such the rear fan is monitored instead of the VREG fan.
- Improved audible progress tones to indicate BIOS update progress.
- Improved ECC options such that ECC Event logging defaults to disabled when non-ECC memory is installed and automatically enable ECC event logging when ECC memory is installed.
- Fix typo so "MHz" is displayed instead of "Mhz"
- Added fix to address CKE glitch issue during S0 to S3 transition.

P05-0026 (P05, build 0026)

About This Release:

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April 23, 2003
BZ87510A.86A.0026.P05.0304231448
New database, flash 5 and flex BIOS
UNDI 4.1.10
LAN UNDI 1.2.10
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New Fixes/Features:
- Updated BIOS support code for Intel ® Pentium 4 Processor with 800MHz system bus.
- Added in ability to flag SPD tolerant DIMM correction in setup with a "*" (star) after the DIMM slot description.
- Fixed check point C9 hang issue.
- Fixed false memory test post time error message when no failures and when dual channel optimization message needs to appear.
- Fixed the issues with devices changing order in the boot list or being disabled when other devices are removed.
- Added support for Express BIOS Update 2.0.
- Fixed runtime Logo enable/disable issue
- JPEG image support now accessible by some OEMs.
- Fixed floppy disable issues
- Fixed issue where ABSCMOS not work correctly.
- Fixed SMBIOS Memory Data Test failure.

P04-0023 (P04, build 0023)

About This Release:

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April 23, 2003
BZ87510A.86A.0026.P05.0304231448
New database, flash 5 and flex BIOS
UNDI 4.1.10
LAN UNDI 1.2.10
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New Fixes/Features:
- Updated memory reference code to revision 1.2

- Resolved issue causing intermittent POST hangs

P03-0021 (P03, build 0021)

About This Release:

    April 5, 2003
    BZ87510A.86A.0021.P03.0304051502
    New database, flash 5 and flex BIOS
    UNDI 4.1.10
    LAN UNDI 1.2.10

New Fixes/Features:
- Added language translations for Memory Mode: Single Channel and Dual Channel
- Fixed USB Zip drive emulation
- Enhanced SATA support for certain drives
- Added the ability to recover from non-bootable CD media (ISO9660 format).
- Fixed issue some USB devices cause lockups at boot.
- Added a workaround to ensure SATA drives operate in the correct mode.
- Lowered power consumption of LAN when system is in S5.

P02-0019 (Production 02, build 0019)

Initial Release