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**DATE:** September 4, 2003  
**PRODUCT:** S875WP1-E Standard BIOS

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#### **P07-0034 (Production 07, build 0034)**

##### **About This Release:**

- August 4, 2003
- WP87510A.86B.0034.P07.0309040220
- BIOS Size: 8Mb – FWH=N82802AC
- Core Baseline version 01.03.00
- UNDI 4.1.10
- FastTrak S150 TX4 (tm) BIOS Version 1.00.0140.03
- SATA150 TX4(tm) BIOS Version 1.00.0140.1
- Adaptec RAID BIOS v1.0

##### **New Fixes/Features:**

- Fixed the issue where PXE boot did not work when SATA drives were connected to Promise\* controller.

##### **Known Errata:**

- None

#### **P06-0032 (Production 06, build 0032)**

##### **About This Release:**

- August 6, 2003
- WP87510A.86B.0032.P06.0308061943
- BIOS Size: 8Mb – FWH=N82802AC
- Core Baseline version 01.03.00
- UNDI 4.1.10
- FastTrak S150 TX4 (tm) BIOS Version 1.00.0140.03
- SATA150 TX4(tm) BIOS Version 1.00.0140.1
- Adaptec RAID BIOS v1.0

##### **New Fixes/Features:**

- Added Adaptec\* ICH5R support to S875WP1-E BIOS.
- Fixed issue where the PCI slot information etched on the board does not match with what is loaded into SMBIOS table.
- Green LED blinking at standby state instead of yellow LED.
- Updated default Fan control setting per request for S875WP1-E.
- Added enhancement to flash update algorithm.
- Drop Int15h Function#DA9Fh support after POST as per Adaptec\* ICH5 Piracy Prevention Doc 1.6.
- Fixed a issue where Memtest86 utility hangs when USB legacy support is enabled.
- Synch up memory initialization code to memory reference code release 1.3.
- Fixed issue where flashing user logo to user binary area will cause POST hang at 37h.
- Fixed issue where user logo failed to display if flashing logo based off P03 BIOS.
- Updated string translations for S875WP1-E customized string tokens.

##### **Known Errata:**

- None

## **P05-0030 (Production 05, build 0030)**

### **About This Release:**

- July 07, 2003
- WP87510A.86B.0030.P05.0307072353
- BIOS Size: 8Mb – FWH=N82802AC
- Core Baseline version 01.03.00
- UNDI 4.1.08
- FastTrak S150 TX4 (tm) BIOS Version 1.00.0140.1
- SATA150 TX4(tm) BIOS Version 1.00.0140.1

### **New Fixes/Features:**

- Implemented piracy prevention mechanism for Adaptec ICH5R RAID support.
- Fixed an issue where Promise SATA drives are slow to respond coming out of S3.
- Added Express BIOS Update (EBU) version 2.01.
- Enable BIS support in SMBIOS.
- Fixed issue with a specific SATA drive that was randomly not detected upon power cycles.

### **Known Errata:**

- None

## **P04-0028 (Production 04, build 0028)**

### **About This Release:**

- June 19, 2003
- WP87510A.86B.0028.P04.0306191041
- BIOS Size: 8Mb – FWH=N82802AC
- Core Baseline version 01.03.00
- UNDI 4.1.08
- FastTrak S150 TX4 (tm) BIOS Version 1.00.0140.1
- SATA150 TX4(tm) BIOS Version 1.00.0140.1

### **New Fixes/Features:**

- Fixed issue where EBU current to current fails when non-ECC memory and a HT processor are used, after rebooting locks at D4.
- Added manual PCI IRQ routing to the BIOS.
- Lowered power consumption of LAN when system is in S5.
- Added ECC fast initialization support for Intel® 875P chipset.
- Added switches ID for the SATARAID.EXE utility version 0.1.0.0.
- Fixed issue where keyboard error is reported when serial console redirection is enabled without keyboard attached.
- 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 an issue where the Event Log could not be cleared by setting a CMOS token.
- Fixed issue where Windows\* XP legacy-to-native IDE runtime mode switching was not functioning.

### **Known Errata:**

- None

## **P03-0026 (Production 03, build 0026)**

### **About This Release:**

- May 29, 2003
- WP87510A.86B.0026.P03.0305291054
- BIOS Size: 8Mb – FWH=N82802AC
- Core Baseline version 01.03.00
- UNDI 4.1.08

- FastTrak S150 TX4 (tm) BIOS Version 1.00.0140.1
- SATA150 TX4(tm) BIOS Version 1.00.0140.1

**New Fixes/Features:**

- Set Center Spread by default
- 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 9600 BAUD for serial redirection access

**Known Errata:**

- None

<b>P02-0024 (Production 02, build 0024)</b>
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**About This Release:**

- May 19, 2003
- WP87510A.86B.0024.P02.0305191052
- BIOS Size: 8Mb – FWH=N82802AC
- Core Baseline version 01.03.00
- UNDI 4.1.08
- FastTrak S150 TX4 (tm) BIOS Version 1.00.0140.1
- SATA150 TX4(tm) BIOS Version 1.00.0140.1

**New Fixes/Features:**

- Fixed multi-bit ECC error not being displayed in SETUP.
- Fixed boot block fault tolerance test failure.
- Fixed Hardware Monitoring for fan control
- Disable ECC Event logging when ECC memory is not installed. Automatically Enable ECC Event Logging when ECC memory is installed.
- Added workaround for S3 suspend/resume issues.
- Include iflash2 status report in the BIOS.
- New flash 5 BIOS update sound.
- Fixed Intel SATA RAID and SCSI RAID card support.
- Server logo enhancement.
- Fixed DMI info for LDCM software.

**Known Errata:**

- None

<b>P01-0021 (Production 01, build 0021)</b>
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**About This Release:**

- April 28, 2003
- WP87510A.86B.0021.P01.0304281200
- BIOS Size: 8Mb – FWH=N82802AC
- Core Baseline version 01.03.00
- UNDI 4.1.08
- FastTrak S150 TX4 (tm) BIOS Version 1.00.0140.1
- SATA150 TX4(tm) BIOS Version 1.00.0140.1

**New Fixes/Features:**

- Banner change.

**Known Errata:**

- None