



Endura products

BIOS Release Note

Release 1.02.06

January 2001

Affected products

The following products are supported by this BIOS release.

Product	Variant
SF810	SF810-FPL, SF810-L, SF810-V
PW810	PW810-FPL, PW810-L, PW810-V, PW810-H

Compatible bootblock data

The table lists the bootblock data part numbers required by this release.

Product/Variant	-FPL	-L	-V	-H
SF810	97-4105-03	97-4107-01	97-4108-01	N/A
PW810	97-4109-01	97-4110-00	97-4111-00	97-4118-00

Changes for this release

The following changes from the previous release have been incorporated into this release.

BIOS Change from Release 1.02.05 to 1.02.06			Track No.
Item	Description of Change	Reason for Change	
1.	Changed embedded logo to BMP format.	Improve user customization.	
2.	Added support for fast flash OEM block update.	Improve customization support.	
3.	Changed update process to clear CMOS data during update.	This obviates the need for the user to clear CMOS after an update.	
4.	Changed layout of ROM.	Changed to be consistent with 815-based products to improve customization support.	
5.	Added ability to disable fan speed control.	Allows fans to be set to permanently rotate when used with an ACPI-aware O/S.	
6.	Change to add Intel 21554 PCI-PCI bridge to list of devices not requiring reset by BIOS.	Allows support for products that configure the bridge in hardware.	
7.	Added microcode version display to Setup utility.	Improve information to user.	
8.	Changed default parallel port mode to Bi-directional from ECP.	Work-arounds for MSDOS corrupt printing with ECP parallel port problems with Windows and ECP.	0102 0111
9.	Corrected operation of USB legacy emulation Setup operation.	USB legacy emulation after POST was previously always disabled.	
10.	Detection of no keyboard changed to result in warning from error.	Allows keyboard-less operation without forcing all errors to be ignored.	

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BIOS Change from Release 1.02.05 to 1.02.06			Track No.
Item	Description of Change	Reason for Change	
11.	Added code to recognize power button during early POST. When detected early, this forces power-off and does not respect the sleep option in Setup.	Power button not recognized early in POST.	
12.	Changed power LED logic to reflect ACPI G3 (mechanical off) to S5 (soft off) change.	Corrects majority of flashing LED issues. Remains a problem if lithium cell is removed.	
13.	Changed power LED logic to turn off in ACPI S4 and S5 states and remain amber in S1 and S2 states.	Power LED operation did not follow specification in product manual.	
14.	Corrected operation of power LED when entering APM standby mode (screen saver and clock throttling).	LED operation incorrect when entering APM standby mode.	0117
15.	Added support for APM suspend mode. This is equivalent to ACPI standby.	APM suspend not previously supported.	
16.	Corrected operation of frequency multiplier setting for non-locked processors.	Fix in previous release not functional.	

Limitations of this release

Limitations and known problems with this release are described in the product limitations document.