





- EFI 1.1 BroadCom GB LAN (Version# 2.1.9) - EFI Optional Drivers: - Use 'optload -l #' to load ('install' was changed to 'optload') - Options 3, 4, and 5 are autoloaded by EFI - 0 = EFI 1.1 NetRAID-2M Configuration Utility (Version# B.01.00) - 3 = EFI FPSWA (Version# 1.12) (same as built-in) - 4 = v95 EFI 1.1 1030 SCSI (Version# 1.01.02, Version# 1.49 controller firmware) (same as built-in) - 5 = EFI 1.1 Kenai32 (Intel 3264) GB LAN (same as built-in) - Misc improvements BMC Firmware Version 1.40: Fixes for chassis intrusion, LEDs, WOL, modes Enhancements for better logging of system state BMC now recognizes an AC loss, and reports it in SEL, if it has time, before standby power is gone. ACPI sensor now logs power state and override conditions correctly. Misc improvements Enhancements and Fixes in Pkg 104: System Firmware Version 1.61 - v.95 EFI 1.1 core - EFI Built-In Drivers: - v.95 EFI 1.1 LSI 1010 SCSI Version 1.00.03.00 - v.95 EFI 1.1 IDE - v.95 EFI 1.1 10/100MB LAN Version 0.1 - v.95 EFI 1.1 LSI SCSI Version 1.01.02, Controller firmware version 1.00.16.1 (no change!!!) - v.95 EFI 1.1 Intel 3264 GB LAN Version 3.1 - v.95 EFI 1.1 BroadCom GB LAN Version 2.1.9 -NetRAID-2M Configuration Utility rev. B.01.02 -EFI Floating Point Software Assist (FPSWA) Version 1.12 - EFI drivers on the card are preferred over the ones built into system firmware - The built-in networking's TFTP performance has been tuned - EFI VT100+ Console driver displays common Boot Manager navigation control characters in ANSI printable characters - If a user adds their own EFI Shell, when a Stop Boot condition exists, their EFI Shell can be loaded - EFI now checks for UUID validity before copying over magic value - Removed Fibre Channel and NetRaid-2M v.90 drivers - Improved reliability of USB to PS/2 Y-adapter - Fixed incorrect spelling in the Security Menu header - Rom Drivers are now loaded after the consoles are setup - 'info fw' displays PAL_A and PAL_B revisions - 'drivers' command will report USB driver revision of 0x0000019 - SCSI disk connections are now consistent after multiple 'reconnect -r' commands - 'errdump la' returns information logged at the time of a MCA from the ZX1 chipset Internal Logic Analyzer - 'info cache' no longer reports incorrect cache sizes - 'ver' now displays SAL Revision as a BCD value - In certain configurations, zx2000, zx6000 and rx2600 PCI bus speed may be restricted to 66 MHz - Additional PCI card configurations are supported - Conversion of memory address to a DIMM Location is now working - PAL 07.36 (PAL_A rev = 07.31, PAL_B rev = 07.36) - SAL NVM will be cleared during firmware update BMC Firmware Version 1.30: - LPC resets are now logged in the SEL. - IPMI commands are no longer allowed from CLI outside of Admin mode. - Set password failures now log an appropriate event. - Failed CLI login attempts now log security events. - Power on failures now log an appropriate event. - BMC mode transitions now log an appropriate event. - Fixed random disk insertion events - Zx6000 fan ramps corrected for multi-disk configs - CPU Temp filtering has been added to ignore false readings Firmware Updater (version used in hp_fwzre_104.efi only:) - Initializes EFI's timezone and daylight savings time variables to 0 - If the Real-Time Clock's date and/or time holds illegal value(s), the date and time are initialized to midnight, January 1, 1998. To repair the Real-Time Clock's values without updating System or BMC Firmware, run "hp.fwzre.104 -c" from the EFI Shell. To see the version of the updater, run "hp.fwzre.104 -h" from the EFI Shell; "0.24" will be printed. No other version will correctly initialize the Real-Time Clock. Enhancements and Fixes in Pkg 101: System Firmware Version 1.44: - Original version BMC Firmware Version 1.22: - Original version Disclaimer The information in this document is subject to change without notice. Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material. This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be reproduced, photocopied, or translated to another language without

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