2008/10/06 - BIOS 1.19 Rev. A (311 KiB)
Updates the video BIOS for the integrated graphics controller.
Reduces the time that the PCI pre-fetch buffer can contain unused
data.
Fixes F10 menu issue where some processor steppings are not displayed
correctly.
Fixes an issue where certain processor steppings and DIMM combinations
incorrectly generate an error message.
Fixes issue where there is no network activity with the integrated
network controller under heavy network traffic conditions (the rest of
the system is working - not locked up).
Fixes issue where a Power-On Self-Test (POST) error is displayed,
indicating an invalid checksum error, if the Setup password that is
entered is incorrect.
2006/08/09 - BIOS 1.18 Rev. A
Fixes issue where the desktop cannot boot from a boot image on a DVD
if the desktop has more than 2 GB of system memory.
Fixes an issue where the PCI Express NIC is disabled when running
Microsoft Windows XP and the NVIDIA Quad Head Graphic Controller with
PCI bridge.
Adds support for additional thermal sensor components.
2006/04/28 - BIOS 1.15 Rev. A
Fixes issue with AMD Sempron Processor where the AMD CoolnQuiet
function does not work. This issue was introduced in BIOS 1.13.
Fixes issue where SuSe Linux was not able to reboot. This issue was
introduced in BIOS 1.13.
Fixes issue where the hard drive self-test from the F10 BIOS Setup
menu does not complete for very large hard drives. (This issue has
been reported on 250-GB drives, but may also occur with other large
drives.)
Fixes issue where the system stops responding (locks up) when the
keyboard is used during preboot execution environment (PXE) downloads.
Adds an F10 Setup item to disable the AMD NX technology, which in turn
also disables the Microsoft Data Execution Prevention (DEP) function.
2006/02/27 - BIOS 1.13 Rev. A
Fixes issue where the HP supplied Microsoft Windows Operating System
CD (labeled "CD Kit 394378-xxx") does not start (boot) unless the
desktop is also configured with a diskette drive.
Fixes issue where the Microsoft Windows operating system shows a
diskette drive in desktops that are not configured with a diskette
drive.
Fixes issue where an incorrect processor temperature reading is
returned after resuming from Standby mode.
Adds Wake On LAN (WOL) Boot Order option to the F10 Setup Utility.
Now, by default, if the desktop is awakened from the LAN, it boots to

the LAN.
Adds remote password setting to SSM support.
Updates the preboot exectution environment (PXE) boot option ROM to version 8.1.55.
Provides user feedback that the F12 key has been pressed to boot from LAN.
Deletes the Video Display Devices menu from F10 Setup to prevent possible loss-of-video issue.
Displays the Internal Video Mode menu in F10 Setup (to allow disabling of integrated video) when the desktop is configured with a dual-head PCI card.
2005/12/09 - BIOS 1.09 Rev. A
Adds support for new AMD processors.
Provides the ability to map unused memory to addresses above 4GB for use by 64-bit operating systems.
Changes F10 Setup 'Security Option' so it now applies only to the Supervisor Password.
Fixes issue where the system stops responding (hangs) when booting a CD-ROM that uses hard drive emulation.
Fixes issue where the system stops responding (hangs) when using HLDS CD-ROM drives.
2005/09/20 - BIOS 1.06 Rev. A
Corrects grammatical errors in the Help file for the F10 Setup Utility.
Fixes issue with Boot Menu (press F9 during POST)to correctly display items from which is it valid to boot.
Fixes some issues that occurred with USB diskette drives.
Fixes issue where Hibernate mode (also referred to as S4 mode) does not work from certain keyboards.
Fixes issue where USB hard drives do not resume from Hibernate mode (S4) when operating in a Microsoft Windows 2000 Operating System environment.
Adds support for dual-core processor.
Adds option to disable the Boot Menu option (F9) during Power-On Self-Test (POST).
Adds feature that searches all installed network cards when F12 is pressed during startup in order to find a server from which to boot.
2005/06/09 - BIOS 1.04 Rev. A
Corrects Advanced Configuration and Power Interface (ACPI) and Multi-Processor Specification (MPS) tables to accurately reflect the hardware configuration.
Fixes issue where a desktop would stop responding (hang) when using a PS/2 keyboard to install the Linux Operating System.
Fixes issue with double clock time when operating in Advanced Programmable Interrupt Controller (APIC) mode under the Linux operating system. (Desktops running a Microsoft Windows Operating

System are not affected by this issue.)
Provides modifications to fan speed algorithm for small form factor (SFF) models.
Changes the amount of memory that is reserved for integrated graphics systems on desktops configured with 256 MB or less of memory.
Removes MBR security option in F10 Setup.
2005/05/25 - BIOS 1.03 Rev. A
Corrects information in DMI area of ROM.
Fixes issue with certain USB barcode scanners where characters are read improperly.
Fixes issue where the system would not boot to the operating system when the desktop was not configured with a diskette drive and certain types of media were in the DVD-ROM drive.
Changes the power management Advanced Configuration and Power Interface (ACPI) option to default to S3 (previously, this option defaulted to S1 and S3).
2005/04/25 - BIOS 1.00 Rev. A
Provides the initial release of the BIOS.