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FROM: Intel Customer Support

SUBJECT: 4S4R100A.86A.0017.P10.0004031558

About This Release

- 4S4R100A.86A.0017.P10.0004031558
- Nvidia Riva TNT Video BIOS – v2.04.19I
- CPU   Patch ID
    651   40
    652   2A
    653   10
    672   0C
    673   0A

Features/Errata Fixed in This Release

P10-0017

- Fixed PCI modem wake up issue under Win98 APM.
- Fixed Windows NT4 SP5 HAL.DLL.SOFTEC automatic restart issue.
- Fixed issue causing second boot from floppy after unsuccessful boot attempt.
- Updated year 2000 copyright message.

P09-0016

- Fixed multiple language support in peripheral setup screen and video option screen.

P08-0015

- Fixed issue with warning message for unsupported processors.

P07-0014

- Included the latest CPU updates.
- Added warning message for unsupported processors.
- Included fix to make accessing BIOS setup utility easier during POST.
- Fixed an issue with Single Bit ECC errors hanging.
- Fixed an issue where ECC errors did not get logged in the DMI Event logs.
- Fixed an issue that was causing the Processor Serial Number Option in Setup not to work properly.
- Changed the default value for the Processor Serial Number to Disabled.
- Fixed an issue where it required 2 keystrokes to wake from S1 under Windows* 2000.
- Fixed an issue where a Zip* drive could not be booted from when it was configured as HD.
- Fixed an issue where UUID was not set to expected string.
- Fixed an issue where POST will hang with certain add-in cards installed.

P06-0012

- Included the latest CPU updates.

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P05-0011
- Added processor speed selection capability for engineering sample processors.
- Fixed UDMA functionality for CD-ROMs.
- Changed the default for USB Legacy to DISABLED.
- Fixed a problem where the incorrect POST strings were being displayed when any language other than English was selected.
- The BIOS now turns off DIMM clocks running to unused memory banks.
- Fixed a problem where PCI cards in slot#4 would not work.
- Processor Serial Number setup default changed to "Disabled".

P04-0010
- Added support for 550Mhz Pentium® III processors (this BIOS version required for reliable operation at 550Mhz).
- Added language translations for processor serial number fields in BIOS Setup Utility.
- Fixed an issue where the system would power on intermittently.
- Fixed an issue where the system would shutdown after a CTL-ALT-DEL.
- Fixed non-SPD support.
- Added Print Screen support in Setup while the parallel port is in ECP mode.
- Corrected the 32bit physical address for the Event Log.

P03-0008
- Added language translations for Setup HELP fields.
- Added fix for OS/2 Warp* 4.0: APM Suspend from the Start Menu
- Fixed slow floppy access during IFLASH
- Included the Primary Video Adapter Setup question
- Changed processor serial number default to Enabled.
- Fixed an issue where Unattended Start enabled would cause the system to hang from a Windows* 98 shutdown.
- Fixed an issue where the Event Log header was being cleared when the Event Log area was being erased.
- Corrected the issue with the processor update API.
- Enhanced Non-SPD DIMM support.

P02-0007
- Added support for 450Mhz and 500Mhz Pentium® III processor processors
- Added support and Setup option for the processor serial number feature

P01-0006
Initial Release.

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