

**Release Information**

Project Code: Tuatara 3.0  
Model Name: Altos G320  
BIOS ID. : NH72310J.86B.0663.2005.1007.1516  
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Release Date: 2005/10/07

**Purpose**

This document describes the detail updates and bugs fixed about the new BIOS release.

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## 1. BIOS Information

| Basic Information                                 |   |
|---|---|
| BIOS ID:  | NH72310J.86B.0663.2005.1007.1516  |
| Acer Release Date                                 | 2005/10/07  |
| Detailed information                              |   |
| Boot Agent  | Initializing Intel(R) Boot Agent GE v1.2.28 (IntelR 82541PI)<br>Initializing Intel(R) Boot Agent GE v1.2.28 (IntelR 82573E/V) |
| Memory reference code                             | Memory reference code equivalent to MRC 1.2   |
| CPU Patches:                                      | 1DF3417.PDB, MBDF4117.PDB, M9DF4305.PDB, M9DF4406.PDB   |
| Intel Active Management Technology BIOS Extension | V1.2.3.0000   |

## 2. Bug fixed

| Bug fixed (Build 663P)  |
|---|
| <p>* Version: Build 663P</p> <p>* Release Date: Oct. 07, 2005</p> <p>*****</p> <ol style="list-style-type: none"><li>1. Enabled PERR and Serr on PCIx to cause NMI resulting in Blue Screen (Tibet 938470).</li><li>2. Fixed Issue where 39320A Setup wouldn't allow configuration or Channel A (Tibet 945271).</li><li>3. Fixed PME detection on PCIx Bus (Tibet 942001).</li><li>4. Added Hardware Monitoring setup page to LC Sku (Tibet 946678).</li><li>5. Fixed Red Hat EL 4.0 Install and Boot problems on LC SKU (Tibet 947711, 947722).</li><li>6. Fixed IntelR 82541PI back driving VCC and VCC3 while in S5 with wake on Lan enabled (Tibet 947156).</li><li>7. Set network boot disabled as default (Tibet 946694).</li><li>8. Increased Splash Screen/Logo delay time to 5 seconds (Tibet 946655).</li><li>9. Enabled iAMT bios extensions (Tibet 947230).</li><li>10. Fixed 33MHz PCI cards in PCI-X slot hanging system.</li></ol> |

## 3. BIOS Update History

### Bug fixed (Build 595)

\* Version: Build 595

\* Release Date: Sept 15, 2005

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1. Fixed issue where add-in cards would not work in PCI Slot 2 in Manufacturing Mode (Tibet 946424).
2. Corrected SMBIOS System Slots Information (Type 9) and On Board Devices Information (Type 10) (Tibet 945834).
3. Changed minimum fan tach settings for the Heceta in SIO (Tibet 946657).
4. Fixed Intel® SCRU42X (Chiloto-2) and SCSI ICPVotex cards entering option rom setup (Tibet 946111 and 946135)
5. Fixed Windows 2003 Adaptec 39160 in PCI-X riser Card (Tibet 938814).
6. Fixed Display of Adaptec cards in Slots 5 and 6 (Tibet 945271).
7. Fixed Display of Adaptec ASR-2110S (Phantom) card in Boot menu Normal mode (Tibet 946134).
8. Fixed no video on first boot at Functional Test after In Circuit Testing (Tibet 946141).
9. Changed manufacturing default for PCIe Compliance to Enable.

### Bug fixed (Build 0497)

\* Version: Build 0497

\* Release Date: Aug. 24, 2005

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1. Fixed low throughput on PCI bus. (Tibet 944096).
2. Fixed issue where Windows installation or boot hung with Intel(R) SCRU42X (Chiloto-2) RAID card. (Tibet 944008).
3. Removed Hardware Monitoring page from the BIOS Setup (Tibet 945441).
4. Fixed WHQL ACPI Verifier failure on HCT 12.1.01 Windows 2003 SP1 32bit (Tibet 944497).
5. Changed Product Guide message when no boot devices found in the system from "Desktop" to "Server" (Tibet 944402).
6. Allowed Ctrl+Alt+Del when no boot devices detected in the system (Tibet 944402).
7. Enabled Pulse Width Stretching for 3-wire fan headers.