



BIOS Update Release Notes

PRODUCTS: DX58SO2, DX58OG (Standard BIOS)

BIOS Version 0779 - SOX5820J.86A.0779.2011.0406.1511
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About This Release:

- April 6, 2011
- QPI Reference Code: Based on Revision 1.85
- ICH10 SATA RAID Option ROM: v10.1.0.1008
- Marvell 9128 SATA Gen 3 Option ROM: 1.0.0.1027
- Marvell 6121 SATA Gen 2 Option ROM: 1.2.0.29
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.65
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 089)

New Fixes/Features:

- Fixed POST slowness with some USB card readers attached to the front panel USB ports.
- Fixed Heceta mappings in Intel® Extreme Tuning Utility.
- Fix interaction between EIST and Turbo Enable.
- Fixed long delay when booting FreeDOS with two drives attached to Marvell* 6121 controller.
- Updated the Setup Profile Support.
- Updated the 3 column Memory Configuration setup page.
- Fixed issue where Express BIOS Update causes an application error on Windows 7 64-bit when installed while UEFI BOOT is enabled.
- Fixed issue where legacy F000 segment method of posting SMBIOS and ACPI tables was not happening when "UEFI Boot" is enabled.
- Updated RAID Option ROM (v10.1.0.1008).
- Fixed issue where drives connected to onboard Marvell storage controller was not seen in the F7 Flash Update menu.
- Moved BIOS Setup Auto-Entry option to the Boot page.
- Modified the special microcode update message display during flash update.
- Added Customer Friendly BIOS version display.
- Added user prompt for Setup Auto-Entry to continue with Normal Boot or Enter Setup.
- Added support for BIOS recovery from the onboard USB 3.0 XHCI controller.
- Added type 4 datatype "Do Not Show" list of UQIs for Intel® Integrator Toolkit to the ITKData variable.
- Fixed issue where fans run at full speed when coming out of S3/S4/S5.

Note:

After updating to BIOS version 0779 or newer, you cannot revert to a previous BIOS version using the Recovery method. However, using the iFlash method will still work.

*Other names and brands may be claimed as the property of others.

BIOS Version 0765 - SOX5820J.86A.0765.2011.0228.1549

About This Release:

- February 28, 2011
- QPI Reference Code: Based on Revision 1.85
- ICH10 SATA RAID Option ROM: 10.0.0.1046
- Marvell 9128 SATA Gen 3 Option ROM: 1.0.0.1027
- Marvell 6121 SATA Gen 2 Option ROM: 1.2.0.29
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.65
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 089)

New Fixes/Features:

- Fixed issue where system hangs at POST code 2D.

BIOS Version 0752 - SOX5820J.86A.0752.2011.0211.1125

About This Release:

- February 11, 2011
- QPI Reference Code: Based on Revision 1.85
- ICH10 SATA RAID Option ROM: 10.0.0.1046
- Marvell* 9128 SATA Gen 3 Option ROM: 1.0.0.1027
- Marvell 6121 SATA Gen 2 Option ROM: 1.2.0.29
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.65
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 089)

New Fixes/Features:

- Fixed issue where secondary onboard LAN does not work in the operating system.
- Fixed issue where SATA drives connected to ICH10 SATA ports may not be detected in Windows.
- Fixed hang issue at POST code 2D.
- Fixed an issue that Clear User Password option is not available after entering Setup as Supervisor.
- Improved BIOS POST time for detecting and accessing USB mass storage devices.

BIOS Version 0724 - SOX5820J.86A.0724.2011.0121.1338

About This Release:

- January 21, 2011
- QPI Reference Code: Based on Revision 1.85
- ICH10 SATA RAID Option ROM: 10.0.0.1046
- Marvell 9128 SATA Gen 3 Option ROM: 1.0.0.1027
- Marvell 6121 SATA Gen 2 Option ROM: 1.2.0.29
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.65
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 089)

New Fixes/Features:

- Fixed issue where prompting for password when F7, F10 or F12 is hit and User Access Level is set to Full.

- Fixed issue where POST Event Log screen messages would overlap the BIOS F10 One-Time Boot Menu.
- Fixed issue where no Clear User Password option prompt is shown when user access set to Limited Access.
- Fix Turbo mode settings when changing processor types.
- Fixed issue where certain SSD drives would stall the system at POST code 0xEB.
- Updated Hyperboot for performance improvement and stability.
- Enhanced Deep S4/S5 sleep state support.
- Updated Marvell* SATA controllers buffer strength settings.
- Fixed default settings when the Watchdog Timer resets the system.
- Changed the Watchdog Timer to not fire when QPI speed is changed.
- Changed the text in BIOS Setup to use the term "CPU Turbo Boost".
- Fixed issue with Extreme Tuning Utility when changing CPU voltage.
- Fixed issue where Express BIOS Update continues to report BIOS update status when starting Windows 7*.
- Fixed default extreme settings when changing processors.
- Fixed issue with long POST 0xB8 delay.

BIOS Version 0603 - SOX5820J.86A.0603.2010.1117.1506

About This Release:

- November 17, 2010
- QPI Reference Code: Based on Revision 1.85
- ICH10 SATA RAID Option ROM: 10.0.0.1046
- Marvell 9128 SATA Gen 3 Option ROM: 1.0.0.1027
- Marvell 6121 SATA Gen 2 Option ROM: 1.2.0.29
- LAN Option ROM: Intel(R) Boot Agent PXE GE v1.3.65
- LAN Option ROM: Intel(R) Boot Agent PXE Base Code (PXE-2.1 build 089)

New Fixes/Features:

- Initial production BIOS release

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