

BIOS Release Notes

TITLE

SUBJECT: 9SISL BIOS Release Notes version [F08](#)

About This Release

Build Date: [2017/5/8](#)

BIOS Checksum: [0x45DFCFD1](#) (6M), [0x65BF7CF9](#) (8M)

Release Owner: Jack.Hsu

BIOS Components/Contents

Processor stepping(s) supported: supports Intel® Avoton processors

System hardware configurations supported: GA-9SISL Rev: [0.1/0.2/1.0](#)

Microcode updates versions:

| CPUID | Family | Microcode Update ID |
|-----------------------|--------------------------------------|--------------------------|
| 406D0 | Avoton Processor A-1 | 000000E |
| 406D8 | Avoton Processor B-0 | 00000128 |

IPMI support:

AMI Kernel version: [Gbt_Kernel_028_39_03](#)

Intel CSI/MRC Package version: [1.0.0.47](#)

SPI Descriptor version: [1.3](#)

OPROM version :

| OPROM | Version |
|-------------|---------|
| AST2400 VGA | 0.98.03 |
| INTEL PXE | 1.5.43 |

Installation Notes

IMPORTANT NOTES:

1. Please extract the 9SISL_[F08](#).zip to a bootable diskette that can boot to real DOS
2. Please don't load HIMEM.SYS or any other memory management SW in the diskette

BIOS UPDATE INSTRUCTIONS FOR DOS:

1. Insert USB flash drive to system for BIOS upgrade
2. Power on system and boot to USB flash
3. Execute FB.BAT for bios update
 - a. Execute "FB.BAT 3" only Flash BIOS Command line
 - b. Execute "FB.BAT 4" to flash BIOS and ME firmware
4. After bios flash finish, system will reboot automatically, please do not remove USB flash
5. System will restore DMI data after boot to DOS again, please wait the message below,
"All BIOS flash steps are done! Please AC OFF and AC ON again. Thanks!"

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6. Done

BIOS UPDATE INSTRUCTIONS FOR Windows:

1. Insert bios update USB flash drive.
2. Use Command Shell
3. Execute \Tool\Win32\uf.cmd or \Tool\Win64\uf.cmd for bios update
4. After bios flash finish, Please reboot windows system

BIOS UPDATE INSTRUCTIONS FOR LINUX:

1. Insert bios update USB flash drive.
2. Use Command Shell
3. Execute \Tool\LNx\afulnx32\uf.sh or \Tool\LNx\afulnx64\uf.sh for bios update
4. After bios flash finish, Please reboot windows system

BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press F2 during POST
2. The bios version shows on the first main page

Known Issues/Workarounds

Issues fixed in this version

F08

1. Add workaround for USB Erratum (AVR53).

F07

1. Fix some HDD size display wrong.

F06

1. Update RC 1.0.0.47.
2. Update microcode to 128.
3. Support 8Gb Density ECC UDIMM.

F05

1. Fix first AC on hang up with some DIMM.
2. Update Microcode to 00000121.
3. Fix SOL issue.

F04

- 1.[0017498] Fix onboard VGA still display message when plug VGA card.
2. Update SPI ME to 1.3.
3. Fix IntelRCSetup page item can't save.
4. Fix SERR log error.

F03

- 1.[0016992] Support memory error beep during POST.
2. Support OpenRack AC loss policy.

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3. Update Microcode to 0000011F.
4. Update RC to 1.0.0.37.
5. Support Gigabyte SVID.

F02

- 1.[0017251,0017252,0017253] Fix WHCK TPM fail.

F01

1. Support clear password feature.
2. Support switch SPD read on 1.0 MB.

E05

1. Fine tune BIOS setup menu.
- 2.[0016943] Support Lan MAC as UUID.
3. Update RC code to 1.0.0.35.
4. Update B-0 Microcode to 11E.

E04

- 1.[0017041,0017001,0016977] Fine tune BIOS setup menu.
- 2.[0016976] Fix DIMM information error in post screen.

E03

1. Support TPM.
- 2.[0016936] Support UEFI VBIOS.
3. Support BIOS Recovery.
- 4.[0016944] Fix COM port can't work.

E02

1. Adjust clock.
2. Update ME to 1.2.

E01

1. First release.
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