

BIOS Release Notes

TITLE

SUBJECT: 6LXGL BIOS Release Notes version [R02](#)

About This Release

Build Date: [2016/8/9](#)

BIOS Checksum: [0x467DC450](#) (8M), [0xAF15014E](#) (16M)

Release Owner: leon.lee

BIOS Components/Contents

Processor stepping(s) supported: supports Intel® Haswell Refresh processors

System hardware configurations supported: GA-6LXGL-RH Rev: [0.1/0.2/1.0](#)

Microcode updates versions:

CPUID	Family	Microcode Update ID
\$(Intel	Haswell Processor A-0	Desk
306C1	Haswell Processor B-0	FFFF0013
306C2	Haswell C-0	FFFF0006
306C3		00000017

IPMI support:

AMI Kernel version: [Gbt_Kernel_E05_32](#)

Intel CSI/MRC Package version: [1.0.0.0](#)

SPI Descriptor version: [SPS_EN_03.00.05.128.0_PV-D_R_LPT](#)

OPROM version :

OPROM	Version
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Installation Notes

IMPORTANT NOTES:

1. Please extract the 6LXGL_[R02](#).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 2" need move ME flash jump(AC off) to flash 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\f.cmd or \Tool\Win64\f.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\f.sh or \Tool\LNx\afulnx64\f.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

R02

1. improve PCIe card detect
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R01

1. Update ME FW to SPS_EN_03.00.05.128.0_PV-D_R_LPT.
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F02

- 1.Update Denlow Kernel and GBT Library to latest.
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