

# BIOS Release Notes

## TITLE

**SUBJECT:** 7PCSL1 BIOS Release Notes version [F23](#)

### About This Release

**Build Date:** [2013/1/11](#)

**BIOS Checksum:** [0x2BF4B926](#) (4M), [0x56707DE1](#) (8M)

**Release Owner:**

### BIOS Components/Contents

**Processor stepping(s) supported:** supports Intel® SandyBridge-EP processors

**System hardware configurations supported:** GA-7PCSL1-RH Rev: [0.1/0.2/1.0](#)

**Microcode updates versions:**

CPUID	Family	Stepping	Microcode Update ID
<a href="#">206D0</a>	<a href="#">Sandy Bridge-EP</a>	<a href="#">A0</a>	<a href="#">80000006</a>
<a href="#">206D1</a>	<a href="#">Sandy Bridge-EP</a>	<a href="#">A1</a>	<a href="#">80000106</a>
<a href="#">206D2</a>	<a href="#">Sandy Bridge-EP</a>	<a href="#">B0</a>	<a href="#">8000020C</a>
<a href="#">206D3</a>	<a href="#">Sandy Bridge-EP</a>	<a href="#">B1</a>	<a href="#">80000304</a>
<a href="#">206D5</a>	<a href="#">Sandy Bridge-EP</a>	<a href="#">C0</a>	<a href="#">00000513</a>
<a href="#">206D6</a>	<a href="#">Sandy Bridge-EP</a>	<a href="#">C1</a>	<a href="#">00000619</a>
<a href="#">206D7</a>	<a href="#">Sandy Bridge-EP</a>	<a href="#">C2</a>	<a href="#">0000070D</a>

**IPMI support:**

**AMI Kernel version:** [4.6.4.1\\_HarborCity\\_0ABVJ015\\_F7rz10](#)

**Intel CSI/MRC Package version:** [1.07](#)

**SPI Descriptor version:** [02.01.05.073.0](#)

**OPROM version :**

OPROM	Version
INTEL RAID	3.0.0.1184
INTEL PXE	1.3.76

### Installation Notes

#### IMPORTANT NOTES:

1. Please extract the 7PCSL1\_[F23](#).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 bios update USB flash drive.
2. Power on system and wait for boot into DOS
3. Execute F.BAT for bios update
4. After bios flash finish, system will reboot automatically

# BIOS Release Notes

## **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**

1. Fixed issue that UEFI device always display on boot menu.
2. Fixed issue that SMBIOS data incorrect.
3. Fixed issue that system can't wake up inserts PCIe card on CPU1 PCIe slot..