

# 7TCSV2 Channel BIOS Release Notes

## TITLE

**SUBJECT:** 7TCSV2 Channel BIOS Release Notes version [F11](#)

### About This Release

**Build Date** : [Feb 18, 2012](#)

**BIOS Checksum** : 0x [0196](#)

**Release Owner** : [Bryan.Liu](#)

### BIOS Components/Contents

**Processor stepping(s) supported:** Supports Intel® Westmere/Nehalem/Gainestown series processors

**System hardware configurations supported:** 7TCSV2 Rev: 2.0 / 1.0 / 0.3

**Microcode update versions:**

CPUID	Family	Stepping	Microcode Update ID
<a href="#">106A1</a>	<a href="#">Nehalem-EP</a>	<a href="#">A1</a>	<a href="#">0B</a>
<a href="#">106A2</a>	<a href="#">Nehalem-EP</a>	<a href="#">B0</a>	<a href="#">19</a>
<a href="#">106A4</a>	<a href="#">Nehalem-EP</a>	<a href="#">C1</a>	<a href="#">0F</a>
<a href="#">106A5</a>	<a href="#">Nehalem-EP</a>	<a href="#">D0</a>	<a href="#">16</a>
<a href="#">206C0</a>	<a href="#">Westmere-EP</a>	<a href="#">A0</a>	<a href="#">16</a>
<a href="#">206C1</a>	<a href="#">Westmere-EP</a>	<a href="#">B0</a>	<a href="#">06</a>
<a href="#">206C2</a>	<a href="#">Westmere-EP</a>	<a href="#">B1</a>	<a href="#">14</a>

**Phoenix Kernel version** : [V1.107](#)

**Intel CSI/MRC Package version:** [V2.97](#)

**SPI Descriptor version:** [SPS\\_01.01.00.004.0](#)

**GBIA version** : [V0.3](#)

**OPROM version** :

OPROM	Version
Pilot2 VGA	V3.8SM
AHCI	V01.06.20
Intel RAID	V8.7.0.1007
PXE	V1.3.27
iSCSI	V2.2.96

### Installation Notes

**IMPORTANT NOTES:**

## 7TCSV2 Channel BIOS Release Notes

1. Please **must** to use “**SPI\_UPD**” tools to flash BIOS for update ME area.
2. Please don't load HIMEM.SYS or any other memory management SW in the diskette.
3. Please must to remove **AC power** after flash BIOS for full clear onboard Chipset data.
4. Please **must** to use “**SPI\_UPD**” tools to flash BIOS for support Intel Low temperature solution.
5. Please **must** to update newest **BMC F/W** first. -> **V01.02**.
6. The BIOS support (V0.3 or V1.0 or V2.0) Motherboard ,but use V0.1 Motherboard will occur “USB Device not support under DOS mode”.

### BIOS UPDATE INSTRUCTIONS:

1. Insert bios update diskette to floppy 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.

### ME UPDATE INSTRUCTIONS:

1. Please disable ME after set the **GPI 33** as low **by Jumper**
2. Power on the system and booting into USB Memory stick (Will take a long time)
3. Run the F.bat of “**SPI\_UPD**” tools package to update ME and BIOS

### BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press F2 during POST
2. Enter CMOS setup utility and go to Main menu
3. The BIOS version shows on the third item

## Known Issues/Workarounds

1. Currently BIOS cannot install RedHat6.1 ,but install RedHat5.4 was no problem.

## Issues fixed in this version

1. Fix iKVM cannot remote boot issue.