

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10SRG-F</b>
<b>Release Version</b>	<b>3.0a</b>
<b>Release Date</b>	<b>2/8/2018</b>
<b>Previous Version</b>	<b>2.0b</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Updated CPU microcode to address 'Spectre' variant 2 (CVE 2017-5715) security issue.</li><li>2. Updated SATA RAID OROM/EFI driver to RSTe PreOS v4.7.0.1014.</li><li>3. Updated Intel Server Platform Services 3.1.3.50 for Grantley Refresh Platforms.</li><li>4. Removed support for using Ctrl+home to trigger recovery.</li><li>5. Changed BIOS revision to 3.0a.</li><li>6. Updated Broadwell-EP RC 4.3.0 PLR10 release.</li><li>7. Removed the "P1" string when Memory error occurs on UP server.</li><li>8. Corrected POST diagnostic signOn string.</li><li>9. Changed tCCD_L Relaxation default to 1 and changed string from Enabled to Auto.</li><li>10. Appended VPD - VB tag in VPD-W Tag(0x91) area.</li><li>11. Updated new MRC error log definition.</li></ol>

	<p><b>12. Added Intel SPI vulnerability patch for Grantley.</b></p> <p><b>13. Added "SMBIOS Preservation" Enabled/Disabled item for flash recovery.</b></p> <p><b>14. Enhanced SMC Recovery Flash Boot Block feature.</b></p>
<b>New features</b>	<p><b>1. Displayed setup item "ACS Control" to Enable/Disable PCIe Access Control Services Extended Capability.</b></p> <p><b>2. Added BBS reset function to SmcOobLoadBiosDefault().</b></p> <p><b>3. Added SumBbsSupportFlag into DAT file.</b></p> <p><b>4. Implemented SMC Recovery Flash Boot Block feature.</b></p>
<b>Fixes</b>	<p><b>1. Fixed issue of SUM TC306 and TC317 failing in certain configuration cases.</b></p> <p><b>2. Fixed problem of system hanging after Watch Dog function is enabled and then BIOS is updated.</b></p> <p><b>3. Fixed incorrect memory error location on UP server.</b></p> <p><b>4. Fixed problem of system hanging on POST code 0xB2.</b></p> <p><b>5. Fixed problem of system resetting or hanging after Watch Dog function is enabled during BIOS update.</b></p> <p><b>6. Fixed inability to get correct Memory CECC DIMM location via SD5.</b></p> <p><b>7. Fixed inability to log Patrol Scrub UCE.</b></p>