

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10DRFR(-N/NT)</b>
<b>Release Version</b>	<b>3.0a</b>
<b>Release Date</b>	<b>2/13/2018</b>
<b>Previous Version</b>	<b>2.0c</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>N/A</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.</li><li>2. Updated Broadwell-EP RC 4.3.0 PLR11 release.</li><li>3. Updated BIOS ACM 3.1.1 PW and SINIT ACM 3.1.1 PW.</li><li>4. Corrected POST diagnostic signOn string.</li><li>5. Added tCCD_L Relaxation item under Memory Configuration menu.</li><li>6. Added SumBbsSupportFlag into DAT file.</li><li>7. Added "SMBIOS Preservation" Enabled/Disabled item for flash recovery.</li><li>8. Enhanced SMC Recovery Flash Boot Block feature.</li><li>9. Fixed inability of SUM to get COM2/SOL settings from BIOS.</li><li>10. Updated Intel Server Platform Services 3.1.3.50 for Grantley Refresh Platforms.</li><li>11. Updated SATA RAID OPROM/EFI driver to RSTe PreOS v4.7.0.1014</li></ol>

	<p>(RSTe SATA 4.7.0.1069 and NVMe 4.7.0.2063).</p> <p>12. Fixed inability of SUM utility to get "Setup Prompt Timeout" setup item.</p>
New features	<p>1. Added support for AOC-SLG3-2M2 auto-bifurcation on CPU1 SXB1 SLOT.</p> <p>2. Implemented SMC Recovery Flash Boot Block feature to add the POST screen message, "The System Is Going To Reset And Then Entering To Recovery Mode Again."</p> <p>3. Added support for System Firmware Progress feature.</p>
Fixes	<p>1. Fixed problem of NVDIMM setup items appearing when optimized defaults load even without NVDIMM being installed.</p> <p>2. Fixed problem of SMBIOS Type4 CPU2 current speed not showing as zero when CPU2 is not installed.</p> <p>3. Fixed problem of system resetting or hanging after Watch Dog function is enabled during BIOS update.</p> <p>4. Fixed problem of MWAIT being disabled on BSP only.</p> <p>5. Fixed inability to get correct Memory CECC DIMM location via SD5.</p> <p>6. Fixed problem of system hanging at POST 0xA9 when entering setup menu while Intel P4800X uEFI driver is loaded.</p> <p>7. Updated FlashDriver module to Label 5 in order to fix inability of system to enter recovery mode when MAIN block is updated 45% and then system powers off.</p>