

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10SRW-F
Release Version	3.0a
Release Date	2/8/2018
Previous Version	2.0b
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Updated CPU microcode to address 'Spectre' variant 2 (CVE 2017-5715) security issue.2. Updated BIOS version to 3.0a.3. Updated SATA RAID OPROM/EFI driver to RSTe PreOS v4.7.0.1014.4. Updated Intel Server Platform Services 3.1.3.50 for Grantley Refresh Platforms.5. Removed support for using Ctrl+home to trigger recovery.6. Changed Memory correctable threshold to 100 and enabled Cloaking for Broadwell CPU E5-26xx SKU.7. Updated BIOS ACM 3.1.1 PW and SINIT ACM 3.1.1 PW.8. Added BBS reset function to SmcOobLoadBiosDefault().9. Changed tCCD_L Relaxation default to 1 and changed string from Enabled to Auto.10. Appended VPD - VB tag in VPD-W Tag(0x91) area.11. Updated Broadwell-EP RC 4.3.0 PLR11 release.

	<p>12. Added SumBbsSupportFlag into DAT file.</p> <p>13. Updated new MRC error log definition.</p> <p>14. Added support for JEDEC NVDIMM.</p> <p>15. Enabled OA1_SUPPORT to fix inability to modify OEM Data by AMIBCP.exe.</p> <p>16. Added Intel SPI vulnerability patch for Grantley.</p> <p>17. Added "SMBIOS Preservation" Enabled/Disabled item for flash recovery.</p>
New features	<p>1. Displayed setup item "ACS Control" to Enable/Disable PCIe Access Control Services Extended Capability.</p> <p>2. Implemented SMC Recovery Flash Boot Block 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 system resetting or hanging after Watch Dog function is enabled during BIOS update.</p> <p>3. Fixed inability to get correct Memory CECC DIMM location via SD5.</p> <p>4. Fixed problem of system hanging at 79 with some NVDIMMs.</p>