

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10SRM-(T)F
Release Version	3.1
Release Date	6/8/2018
Previous Version	3.0a
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue. 2. Changed BIOS version to 3.1. 3. Added support for IPMI IPV6. 4. Removed unsupported memory frequency options from setup menu. 5. Fixed inability of SUM utility to get "Setup Prompt Timeout" setup item. 6. Updated Broadwell-EP RC 4.4.0 release.
New features	N/A
Fixes	1. Fixed problem of Afu /O command clearing SMC SMBIOS region (\$SMC).

	<p>2. Fixed problem of SUM OOB GetSataInfo always showing "Configuration Type" as "AHCI" when setting "Configure SATA as" to "RAID" or "IDE".</p> <p>3. Fixed inability to enter setup menu by pressing "DEL" key if Re-try Boot feature is enabled and there are no boot devices.</p> <p>4. Fixed failure of SMBIOS to change to default even if preserve SMBIOS setup item is set to disabled during recovery.</p> <p>5. Set Descriptor Region of BIOS Region Write Access to "No".</p> <p>6. Fixed the issue of UEFI Boot option becoming "Disabled" if HDD is re-plugged in with UEFI Windows on its native installation environment.</p>
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3.0a (02/08/2018)

1. Updated Haswell-EP C0,1/M0,1/R2 CPU microcode M6F306F2_0000003C and Broadwell-EP B0/M0/R0 CPU microcode MEF406F1_0B00002A to address 'Spectre' variant 2 (CVE 2017-5715) security issue.
2. Changed BIOS revision to 3.0a.
3. Updated SATA RAID OPR0M/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. Fixed problem of system not prompting "iKVM doesn't support add-on VGA device. Please change the D-SUB connector to Add-on VGA device..." on POST screen when setting VGA priority to "Offboard".
8. Fixed failure of UEFI OS to boot or install when disabling BMC by motherboard jumper "JPB1" or by setting "BMC Support" to Disabled via BIOS setup.