

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRW-E/N(T)
Release Version	3.1
Release Date	6/7/2018
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. Updated Broadwell-EP RC 4.4.0 release. 4. Added support for IPMI IPV6. 5. Removed unsupported memory frequency options from setup menu.
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 failure of SMBIOS to change to default even if preserve SMBIOS setup item is set to disabled during recovery.</p> <p>4. Set Descriptor Region of BIOS Region Write Access to "No".</p>
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Release Notes from Previous Release(s)

3.0a (04/16/2018)

1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.
2. Updated SATA RAID OPROM/EFI driver to RSTe PreOS v4.7.0.1014.
3. Updated Intel Server Platform Services 3.1.3.50 for Grantley Refresh Platforms.
4. Removed support for using *Ctrl+home* to trigger recovery.
5. Changed BIOS revision to 3.0a.
6. Changed Memory correctable threshold to 100 and enabled Cloaking for Broadwell CPU E5-26xx SKU.
7. Patched workaround for QPI error.