

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRFR(-N/NT)
Release Version	3.1a
Release Date	6/21/2018
Previous Version	3.1
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	N/A
New features	N/A
Fixes	1. Fixed problem of 1.10 and newer revision boards repeatedly rebooting when trying to update SPS FDT region.

Release Notes from Previous Release(s)

3.1 (6/9/2018)

- 1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*
- 2. Added support for IPMI IPV6.*
- 3. Removed unsupported memory frequency options from setup menu.*
- 4. Disabled Cloaking for Broadwell E5-2687W V4 CPU (W: workstation SKU).*
- 5. Updated Broadwell-EP RC 4.4.0 release.*
- 6. Fixed problem of Afu /O command clearing SMC SMBIOS region (\$SMC).*
- 7. Fixed problem of SUM OOB GetSataInfo always showing "Configuration Type" as "AHCI" when setting "Configure SATA as" to "RAID" or "IDE".*
- 8. Fixed inability to enter setup menu by pressing "DEL" key if Re-try Boot feature is enabled and there are no boot devices.*
- 9. Set Descriptor Region of BIOS Region Write Access to "No".*