

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRi(-T)
Release Version	3.1b ME: 3.1.3.72
Release Date	5/16/2019
Previous Version	3.1a
Update Category	Recommended
Dependencies	None
Important Notes	N/A
Enhancements	1. Changed BIOS revision to 3.1b. 2. Updated Intel microcode 0x43 for Haswell-EP and 0x36 for Broadwell-EP to address Intel-SA-00233 security issue. 3. Updated Intel SPS firmware to E5_03.01.03.072.0_WBG_REL to address Intel-SA-00213 security issue.
New features	N/A
Fixes	N/A

Release Notes from Previous Release(s)

3.1a (4/16/2019)

- 1. Changed BIOS revision to 3.1a.*
- 2. Updated ASPEED VBIOS to version 1.09.00.*
- 3. Updated RSTe SATA/sSATA driver to v6.1.0.1017.*

3.1 (9/14/2018)

- 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 Intel RC code to v4.4.0.*
- 4. Removed unsupported memory frequency options from setup menu.*
- 5. Changed the CECC Error Threshold Count to 100.*
- 6. Set Descriptor Region of BIOS Region Write Access to "No".*
- 7. Fixed failure of "Wait for F1 if Error" function to work properly.*
- 8. Fixed problem of power supply PWS-865-PQ FRU information showing incorrectly.*

3.0a (2/6/2018)

- 1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.*
- 2. Changed BIOS revision to 3.0a.*
- 3. Updated Intel RC code to v4.3.0.*
- 4. Updated Intel BIOS ACM firmware to v3.1.0 and SINIT ACM firmware to v3.1.1.*