

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRi(-T)
Release Version	3.2 SPS: 3.1.3.72
Release Date	11/22/2019
Build Date	11/22/2019
Previous Version	3.1b
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Changed BIOS revision to 3.2. 2. Updated Broadwell-EP B0/M0/R0 CPU microcode MEF406F1_0B000038 for Intel-SA00219 (CVE-2019-0117) and Intel-SA00220 (CVE-2019-0123). 3. Updated SINIT ACM 3.1.4 PW for Intel-SA00240 (CVE-2019-0151 CVSS 3.1: 7.5 High). 4. Enabled RFC4122 UUID support.
New features	N/A
Fixes	N/A

Release Notes from Previous Release(s)

3.1b (5/16/2019)

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.

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/sATA 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.