

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRU-X
Release Version	3.1c SPS: 3.1.3.72
Release Date	6/29/2019
Build Date	6/29/2019
Previous Version	3.1a
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Changed BIOS revision to 3.1c. 2. Updated Post Launch Release 072 for Grantley Server for INTEL-SA-00213 Security Advisory to address CVE-2019-0089, CVE-2019-0090, CVE-2019-0086, CVE-2019-0091, CVE-2019-0092, CVE-2019-0093, CVE-2019-0094, CVE-2019-0096, CVE-2019-0097, CVE-2019-0098, and CVE-2019-0099 security issues. 3. Updated Haswell-EP/Broadwell-EP CPU microcode from SRV_P_273 for INTEL-SA-00233 Security Advisory to address CVE-2018-12126, CVE-2018-12127, and CVE-2018-12130 security issues. 4. Added support for RFC4122 UUID format feature to set RFC4122 encoding from build time produced by IPMICFG 1.29 tool or newer. 5. Updated VBIOS and VGA EFI Driver to 1.09.
New features	N/A
Fixes	N/A

Release Notes from Previous Release(s)

3.1a (10/04/2018)

1. *Displayed Memory Correctable Error Threshold for production cburn test.*

3.1 (6/19/2018)

1. *Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*
2. *Updated Broadwell-EP RC 4.4.0 release.*