

IPMI Firmware / BIOS Release Notes Form

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Product Name	X10DRU-X
Release Version	3.2 SPS: 3.1.3.72
Release Date	12/4/2019
Build Date	12/4/2019
Previous Version	3.1c
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated SINIT ACM 3.1.4 PW for Intel-SA00240 (CVE-2019-0151 CVSS 3.1: 7.5 High). 2. Updated SATA/sSATA RAID OPRM/EFI driver to VROC PreOS v6.2.0.1034. 3. Updated Broadwell-EP B0/M0/R0 CPU microcode MEF406F1_0B000038 for Intel-SA00219 (CVE-2019-0117) and Intel-SA00220 (CVE-2019-0123).
New features	N/A
Fixes	N/A

Release Notes from Previous Release(s)

3.1c (6/29/2019)

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.*

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.*