

BIOS Release Notes Form

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Product Name	X10DRU-X
Release Version	3.3 SPS: 3.1.3.72
Build Date	11/3/2020
Previous Version	3.2
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Updated Haswell-EP/Broadwell-EP CPU microcode for IPU2020.2 from 20201020_NDA Release. 2. Updated Grantley Refresh RC IPU2020.2 to address Intel-TA-00358: CVE-2020-0591 (6.7, Medium) and CVE-2020-0592 (3, Low), and Intel-TA-00390: CVE-2020-8738 (7.5, High), CVE-2020-8740 (6.7, Medium), and CVE-2020-8764 (8.2 High) security issues.
New features	N/A
Fixes	N/A

Release Notes from Previous Release(s)

3.2 (12/5/2019)

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).

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.