

IPMI Firmware / BIOS Release Notes Form

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| Product Name | X10DGO(-T) |
| Release Version | 3.2 SPS: 3.1.3.72 |
| Release Date | 12/11/2019 |
| Build Date | 12/11/2019 |
| Previous Version | 3.1c |
| Update Category | Recommended |
| Dependencies | None |
| Important Notes | None |
| Enhancements | 1. Updated BIOS version to 3.2 for formal release. 2. Updated SINIT ACM 3.1.4 PW for Intel-SA00240 (CVE-2019-0151 CVSS 3.1: 7.5 High). 3. Updated Broadwell-EP B0/M0/R0 CPU microcode MEF406F1_0B000038 for Intel-SA00219 (CVE-2019-0117) and Intel-SA00220 (CVE-2019-0123). 4. Updated initial value of memory tcdd. |
| New features | N/A |
| Fixes | N/A |

Release Notes from Previous Release(s)

3.1c (8/13/2019)

1. Updated BIOS version to 3.1c for formal release.
2. Updated Haswell microcode to 43 and Broadwell microcode to 36.
3. Updated VBIOS to v1.09.00.
4. Updated SPS version 05:3.1.3.72.
5. Updated module to support new UUID feature.

3.1 (7/30/2018)

1. Implemented enhancement to address 'Spectre' variant 2 (CVE-2018-3639 & CVE-2018-3640) security patch issue.
2. Updated BIOS version to 3.1 for formal release.
3. Added 3-second delay for IPMI PowerSupply FRU command.
4. Set Descriptor Region (Bit 0) of BIOS Region Write Access to "No".
5. Fixed failure of AOC card (AOC-S3108L-H8iR) Option ROM.
6. Fixed failure of DMI writing when cburn is running a test.

3.0a (3/27/2018)

1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.
2. Updated BIOS revision to 3.0a.
3. Fixed issue of NVMe M.2 HD hanging at 68h.
4. Fixed problem of the default memory RAS mode being named "disabled".