

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10DGO(-T)</b>
<b>Release Version</b>	<b>3.1</b>
<b>Release Date</b>	<b>7/30/2018</b>
<b>Previous Version</b>	<b>3.0a</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>N/A</b>
<b>Enhancements</b>	<b>1. Implemented enhancement to address 'Spectre' variant 2 (CVE-2018-3639 &amp; 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.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Set Descriptor Region (Bit 0) of BIOS Region Write Access to "No". 2. Fixed failure of AOC card (AOC-S3108L-H8iR) Option ROM. 3. Fixed failure of DMI writing when cburn is running a test.</b>

*Release Notes from Previous Release(s)*

**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".*