

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DGO-T</b>
<b>Release Version</b>	<b>3.0c SPS: 4.01.04.256.0</b>
<b>Release Date</b>	<b>4/5/2019</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>None</b>
<b>Enhancements</b>	<b>1. Updated Skylake H0/M0/U0 CPU <math>\mu</math>-code to version 5A and Cascade Lake B0/B1 to version 21. 2. Updated Intel® RSTe package to ver. 6.0.0.1024. 3. Updated RC0578.D07. 4. Updated SPS 4.01.04.256.0. 5. Updated ADR time of 600 microcodes for PCU-assisted NVDIMM ADR flow.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Fixed inability to update BIOS by AFUEFI or AFULNX.</b>

*Release Notes from Previous Release(s)*

**3.0a (1/16/2019)**

1. *Added support for Purley Refresh platform.*
2. *Updated Intel® RSTe package to ver. 6.0.0.1024.*
3. *Updated ADR time of 200 microcodes for PCU-assisted NVDIMM ADR flow.*

**2.1 (9/28/2018)**

1. *Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.*
2. *Added support for MSMI feature.*
3. *Patched to support NVIDIA P2P transaction without performance penalty.*
4. *Updated Intel® RSTe 5.4.0 1039.*
5. *Added 15-second delay before getting PSU information from FRU.*
6. *Fixed inability to flash back to previous version of BIOS.*