

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DPG-SN</b>
<b>Release Version</b>	<b>3.1a SPS: 04.01.04.296</b>
<b>Release Date</b>	<b>10/1/2019</b>
<b>Build Date</b>	<b>10/1/2019</b>
<b>Previous Version</b>	<b>3.1</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 BIOS revision to 3.1a.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Fixed failure of SIOM AOC-MPGi4 i350 UEFI Option ROM to load. 2. Fixed failure of NVMe VPP to power up after AC turns off. 3. Fixed problem of NVMe drives ejecting when booting into OS.</b>

***Release Notes from Previous Release(s)***

**3.1 (5/10/2019)**

1. Updated BIOS revision to 3.1.
2. Updated microcode to 24.
3. Updated for Nvidia P2P.
4. Set RomLayout to original.
5. Set enabled "PCIe Hot Plug" as BIOS setup default.
6. Set SDDC Plus One or SDDC to disabled by default.
7. Fixed problem of GEN dropping and AER event being found during cburn on/off on 100G compatibility test.
8. Fixed failure to run SUM IPMI ECO test.
9. Fixed malfunction of UEFI network boot device.

**3.0a (1/15/2019)**

1. Added support for Purley Refresh platform.
2. Updated BIOS revision to 3.0a.
3. Fixed malfunction of auto bifurcation for AOC-MTG-i4T.

**2.2 (10/31/2018)**

1. Updated BIOS version to 2.2.
2. Updated RSTe package to v.5.5.0.1028.
3. Fixed problem of NVIDIA P4 GPU Loss function after flashing BIOS v2.1.

**2.1 (9/17/2018)**

1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.
2. Changed BIOS revision to 2.1.
3. Added code to program CPLD for backplane detection.
4. Updated Intel code to correct issue with NVIDIA P2P bandwidth.
5. Fixed inability to execute UEFI PXE boot with AOC-MGP-i2 and added i350 UEFI Option ROM for X11DPG-SN.
6. Fixed failures of Test Case 220 and 308 Test.

**2.0b (2/26/2018)**

1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.
2. Updated BIOS version to 2.0b.
3. Added support for IPMI to fix RSC-G2F-A66-X1 sensor reading.
4. Added 2U PLX riser card to support list.
5. Fixed failure of SIOM sensor reading.
6. Fixed failure of IOBP Check.