

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DPG-OT-CPU</b>
<b>Release Version</b>	<b>3.0a</b>
<b>Release Date</b>	<b>2/26/2019</b>
<b>Previous Version</b>	<b>2.1a</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Added support for Purley Refresh platform.</li><li>2. Changed BIOS revision to 3.0a.</li><li>3. Updated Intel Reference Code to BKC 2019_WW06 Rev. RC0575.D01.</li><li>4. Updated Intel Xeon microcode for Skylake-EP to Rev. 5a for Intel Xeon Skylake-EP H0/H0-QS.</li><li>5. Updated Intel Server Platform Services 04.01.04.251.0 for Purley-Refresh Platforms.</li><li>6. Updated Intel BIOS ACM firmware to v1.7.0 and SINIT ACM firmware to v1.7.1.</li><li>7. Increased ADR timeout to 600us for NVDIMM.</li><li>8. Updated redriver setting on X10 PCIe board slots 6 &amp; 7 according to hardware requirement.</li></ol>
<b>New features</b>	<b>N/A</b>

<b>Fixes</b>	<b>N/A</b>
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**Release Notes from Previous Release(s)**

**2.1a (10/02/2018)**

1. *Changed BIOS revision to 2.1a.*
2. *Added support for the X11DPG-O-PCIe board.*
3. *Changed MMIO High Granularity size from 256G to 1024G to fix problem of hang 91 occurring with 8x V100 GPU.*

**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.*