IPMI Firmware / BIOS Release Notes Form

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

Fixes	**N/A**

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.