

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DPU-XLL</b>
<b>Release Version</b>	<b>3.1 SPS: 4.1.4.296</b>
<b>Release Date</b>	<b>6/3/2019</b>
<b>Previous Version</b>	<b>2.0c</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-SP/Cascade Lake-SP CPU microcode. 2. Updated Intel BKCWW16 2019 PV PLR1. 3. Updated SPS_E5_04.01.04.296.0 from BKC WW16 2019. 4. Set ADDDC Sparing to enabled by default.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>N/A</b>

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

***2.0c (4/12/2018)***

- 1. Changed selections for enabled and disabled Hyper-Speed.*

***2.0b (3/14/2018)***

- 1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security Patch issue.*
- 2. Set OC to 2.38% on 6154 and 6146 CPUs for better yield rate.*
- 3. Changed BIOS revision to 2.0b.*
- 4. Updated 5.12\_PurleyCrb\_OACFD084 for Purley Skylake platform PLR 3.1.*
- 5. Updated SPS 4.00.04.294 PLR 3.1 PV version.*
- 6. Fixed failure of BIOS ECO ATT test case 306.*
- 7. Fixed problem of DMI being cleared when SUM LoadDefaultBiosCfg is run.*
- 8. Fixed issue of system continuously rebooting when TPM module is plugged in.*

***2.0a (1/6/2018)***

- 1. Set OC to 2.63% on 6154 and 6146 CPUs for better yield rate.*
- 2. Updated 5.12\_PurleyCrb\_OACFD084 for Purley Skylake platform PLR 3.1.*
- 3. Updated SPS 4.00.04.294 PLR 3.1 PV version.*
- 4. Updated CPU microcode SRV\_P\_217 for Skylake-EP H0/M0/U0 stepping CPUs.*
- 5. Fixed problem of DMI being cleared when SUM LoadDefaultBiosCfg is run.*
- 6. Fixed issue of system continuously rebooting when TPM module is plugged in.*

***2.0 (11/28/2017)***

- 1. Updated 5.12\_PurleyCrb\_OACFD083\_BETA for Purley Skylake Platform BKC WW39.*
- 2. Updated SPS 4.00.04.288 PLR version for security vulnerabilities.*
- 3. Updated CPU microcode SRV\_P\_211 for Skylake-EP H0 stepping CPUs.*
- 4. Hid SDDC Plus One and ADDDC Sparing option for unsupported project.*
- 5. Fixed inability to enter setup menu when pressing "DEL" key if there is no boot device.*