

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DPU-R</b>
<b>Release Version</b>	<b>3.3</b>
<b>Release Date</b>	<b>02/21/2020</b>
<b>Build Date</b>	<b>02/21/2020</b>
<b>Previous Version</b>	<b>3.0</b>
<b>Update Category</b>	<b>Critical</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. Disabled ADDDC/SDDC and set PPR as hPPR.</li><li>2. Updated AMI label 5.14_PurleyCrb_0ACLA049_BETA for BKC WW36 IPU 2019.2 and AMI security update SA50072.</li><li>3. Updated SINIT/BIOS ACM from BKC WW36 IPU 2019.2 to address CVE-2019-0151 and CVE-2019-0152.</li><li>4. Updated SPS_E5_04.01.04.339.0 from BKC WW36 IPU 2019.2 to address PSIRT-TA-201905-011.</li><li>5. Updated Cascade Lake-SP CPU microcode and Skylake-SP microcode.</li><li>6. Added support for firmware version information.</li><li>7. Added support for fd0v.</li><li>8. Displayed Setup item "ARI Support".</li><li>9. Enabled saving memory CE location into PPR variable at runtime even if memory correctable error reporting is disabled.</li><li>10. Added sighting CLX28 workaround and downgraded patrol scrub UC</li></ol>

	<p>to CE.</p> <p>11. Added SMC HDD Security feature.</p> <p>12. Updated AMI label 5.14_PurleyCrb_0ACLA050 beta for IPU2020.1 PV.</p> <p>13. Updated SPS_E5_04.01.04.381 from IPU 2020.1 PV.</p> <p>14. Updated BIOS ACM 1.7.40 and SINIT ACM 1.7.48 PW.</p> <p>15. Added setup item "HDD password prompt Control" to control "Hard-Drive Password Check" for enabling/disabling HDD password prompt window during POST.</p> <p>16. Updated Skylake-SP/Cascade Lake-SP CPU microcode for Intel-SA-00329 (CVE2020-0548 2.8 Low and CVE2020-0549 6.5 Medium), Intel-SA-00288 (CVE2019-11157 5.3 Medium), and Intel-SA-00317 (CVE2019-14607 7.9 High).</p>
New features	<p>1. Added Enhanced PPR function and set disabled as default.</p>
Fixes	<p>1. Fixed failure of IPMI event log Date/Time to sync to BIOS System Date/Time for ME project.</p> <p>2. Fixed ability to see memory correctable error event during MRC when use a single bit bad DIMM.</p> <p>3. Removed PXE option for "OnBoard LanX Option ROM" when "Boot mode select" is UEFI.</p> <p>4. Corrected display of the IPMI AUX revision.</p> <p>5. Fixed issue of system resetting under ATTO Fiber network card legacy OPRM user menu.</p> <p>6. Fixed mismatch of Secure Boot Mode value.</p> <p>7. Removed requirement to use Admin password for erasing TCG device.</p> <p>8. Fixed problem of two CentOS boot items occurring in boot order if CentOS is installed in RAID 1 system.</p>

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

***3.0 (08/05/2019)***

- 1. First Release*