

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10SLH-F/ X10SLM+-F</b>
<b>Release Version</b>	<b>3.3</b>
<b>Release Date</b>	<b>3/27/2020</b>
<b>Build Date</b>	<b>3/27/2020</b>
<b>Previous Version</b>	<b>3.2</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. Updated the SINIT ACM to 20190708 for Denlow Server IPU 2019.2 for INTEL-SA-00240 to address CVE-2019-0151 (7.5, High) security issue.</li><li>2. Updated SPS firmware to SPS_EN_03.00.07.060.0 for Denlow Server IPU 2019.2.</li><li>3. Updated Broadwell-E3/Broadwell-H stepping CPU microcode M2240671_00000022 (E-0 G-0 Stepping) and Haswell/Haswell-E3 stepping CPU microcode M32306C3_00000028 (C-0 Stepping) for Denlow Server IPU 2020.1.</li><li>4. Changed BIOS revision to 3.3.</li><li>5. Adjusted IPMI KCS command delay time to prevent failure to respond to get PSU info command when AC power cycle IPMI initial time is too long.</li></ol>

<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Enabled getting BIOS CFG file by SUM Inband.</b>

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

***3.2 (5/10/2018)***

- 1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 and CVE-2018-3640).*
- 2. Changed BIOS revision to 3.2.*