

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10SLL-F/SF/S</b>
<b>Release Version</b>	<b>3.3</b>
<b>Release Date</b>	<b>3/6/2020</b>
<b>Build Date</b>	<b>3/6/2020</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 BIOS version to 3.3.</li><li>2. Updated VBIOS and VGA EFI Driver to 1.09 to fix ASpeed CVE-2019-6260 security issue.</li><li>3. Updated Broadwell-E3/Broadwell-H stepping CPU microcode M2240671_00000022 and Haswell/Haswell-E3 stepping CPU microcode M32306C3_00000028 for INTEL-SA-00233 Security Advisory to address CVE-2018-12126 (6.5, Medium), CVE-2018-12127 (6.5, Medium), CVE-2018-12130 (6.5, Medium), and CVE-2019-11091 (3.8, Low) security issues for INTEL 2019.2 IPU and INTEL 2020.1 IPU Security Updates.</li><li>4. Updated SPS firmware to v3.0.7.60 for INTEL 2019.2 IPU Security Update.</li><li>5. Updated SINIT ACM 20190708 for INTEL-SA-00240 Security Advisory to address CVE-2019-0151 (7.5, High) and CVE-2019-0152</li></ol>

	(8.2, High) security issues.
New features	N/A
Fixes	N/A

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

***3.2 (5/14/2018)***

- 1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 and CVE-2018-3640).*
- 2. Changed BIOS revision to 3.2.*
- 3. Added Intel SPI vulnerability patch.*
- 4. Applied enhancement to address CVE-2017-5715.*
- 5. Fixed failure of SUM TC320.*