IPMI Firmware / BIOS Release Notes Form

Product Name	**X10SLM-F**
Release Version	**3.3**
Release Date	**4/14/2020**
Build Date	**4/14/2020**
Previous Version	**3.2**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Updated BIOS version to 3.3.** **2. Updated VBIOS and VGA EFI Driver to 1.09 to fix ASpeed CVE-2019-6260 security issue.** **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.** **4. Updated SPS firmware to v3.0.7.60 for INTEL 2019.2 IPU Security Update.** **5. Updated SINIT ACM 20190708 for INTEL-SA-00240 Security Advisory to address CVE-2019-0151 (7.5, High) and CVE-2019-0152**

	(8.2, High) security issues. 6. 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.
New features	N/A
Fixes	N/A

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.