

# IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	X11SRM
<b>Release Version</b>	1.2
<b>Release Date</b>	9/19/2018
<b>Previous Version</b>	1.1a
<b>Update Category</b>	Critical
<b>Dependencies</b>	None
<b>Important Notes</b>	None
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 &amp; CVE-2018-3640) security issue.</li><li>2. Set VGA device IO resources assignment to be skipped when system is out of resources.</li><li>3. Updated ME to 11.11.55.1509 for INTEL-SA-00131 Security Advisory to address CVE-2018-3643 and CVE-2018-3644 security issues.</li><li>4. Added M.2 slot option ROM control to the BIOS setup menu.</li><li>5. Set Descriptor Region of BIOS Region Write Access to "No".</li><li>6. Added "SMBIOS Preservation" Enabled/Disabled item for flash recovery.</li></ol>
<b>New features</b>	N/A

<b>Fixes</b>	<ol style="list-style-type: none"><li><b>1. Fixed inability of system to trigger PERR event via ITOS PCIe software injection.</b></li><li><b>2. Fixed problem of the system loading defaults for password when pressing F3.</b></li><li><b>3. Fixed failure of HDD when using IPMI raw command to set boot into UEFI.</b></li><li><b>4. Fixed inability of ME region to flash when FDT is locked.</b></li><li><b>5. Fixed inability of system to boot to Windows after re-plugging in SATA HDD in UEFI mode.</b></li><li><b>6. Fixed problem of pressing "Enter" entering Boot Menu (F11) if ADMIN password is set.</b></li></ol>
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**Release Notes from Previous Release(s)**

**1.1a (04/24/2018)**

1. Updated CPU microcode to address 'Spectre' variant 2 (CVE 2017-5715) security issue.
2. Updated BIOS version to 1.1a.
3. Added ability of default password to use AMIBCP tool to modify password function.
4. Fixed failure of "Re-try Boot".
5. Fixed failure of the VMD when using "AOC-SLG3-2M2" add-on card.
6. Fixed failure of IPMI force boot function.
7. Fixed problem of system hanging at 0xA2 if SMC HPET item is enabled.
8. Fixed problem of system repeatedly rebooting when NVIDIA 1080p and M.2 devices are plugged in.
9. Fixed inability of system to populate x-AMI language package.

**1.1 (12/18/2017)**

1. Updated Skylake microcode to 02000003A.
2. Reduced POST time when enabling FfsIntegrityCheck\_SUPPORT and FFS\_FILE\_CHECKSUM\_SUPPORT.
3. Updated ME to 11.11.50.1422.
4. Fixed problem of DMI being cleared when SUM LoadDefaultBiosCfg is run.

**1.0 (11/7/2017)**

1. Updated ME to 11.11.50.1402.
2. Fixed inability of system time to set to build time when clearing CMOS.
3. Updated RSTe legacy/uEFI option ROM version 5.3.0.1052.
4. Added VGA priority selected by slot feature.
5. Modified GPP\_H21 & GPP\_D5 to GPO low.
6. Added item to control PERR/SERR report.
7. Disabled all of the clock request by GPIO features from ME setting.
8. Fixed inability of AOC-3008L-L8E to enter setup normally.
9. Fixed problem of TPM 1.2 PS index not being Write-Protected so that the content of TPM 1.2 PS index still can be modified after TPM 1.2 is nvLocked.
10. Fixed problem of the boot order having garbage when IPMI tool set is used to system boot into BIOS setup menu.
11. Fixed problem of incorrect BANK LOCATOR of Type 17 appearing.
12. Fixed failure of ChkSmbiosX64.efi check when using SK Hynix DIMM.
13. Fixed inability of VGA priority to change to auto/onboard VGA when incorrect slot is selected.