

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11SSA-F/X11SSi-LN4F
Release Version	2.1a
Release Date	03/08/2018
Previous Version	2.1
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	1. Updated CPU microcode to address 'Spectre' variant 2 (CVE 2017-5715) security issue. 2. Added support for UEFI mode PXE boot via F12 hot key Net boot. 3. Added support for SUM to display SGX-related items. 4. Added AOC-SLG3-2M2 1.01 into NVMe table for auto bifurcation. 5. Added Ramaxel JEDEC Manufacturer ID to support Ramaxel memory.
New features	N/A
Fixes	1. Fixed inability to load Broadcom SAS3008 configuration utility. 2. Fixed issue of all commands requesting to be persistent. 3. Fixed issue with IPMI force boot.

	<p>4. Fixed problem of SGX resetting to default value if using SUM to change SGX items after BIOS update.</p> <p>5. Fixed problem of changing SGX EpochUpdate and EpochToFactory items behavior that will reset to 0 if use SUM to set two items.</p>
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Release Notes from Previous Release(s) – these will be appended at the bottom of the current release notes in italic and in smaller print