

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11SSM-F
Release Version	2.1a
Release Date	03/07/2018
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. Changed BIOS revision to 2.1a. 3. Added Ramaxel JEDEC Manufacturer ID to support Ramaxel memory. 4. Added AOC-SLG3-2M2 1.01 into NVMe table for auto bifurcation. 5. Added support to speed the memory up to 2667Mhz. 6. Added support for UEFI mode PXE boot via F12 hot key Net boot. 7. Added support for SUM to display SGX-related items.
New features	N/A
Fixes	1. Fixed issue with IPMI force boot. 2. Fixed inability to load Broadcom SAS3008 configuration utility.

	3. Fixed problem of system not showing correct manufacturer name or product name when IPMI without FRU1 is programmed. 4. Fixed failure of ATT BIOS ECO test case 237. 5. Fixed problem of SGX resetting to default value if using SUM to change SGX items after BIOS update.
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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