IPMI Firmware / BIOS Release Notes Form

Product Name	**X11SSW-(4)TF**
Release Version	**2.1a**
Release Date	**3/2/2018**
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 support to speed the memory up to 2667Mhz.** **5. Added support for UEFI mode PXE boot via F12 hot key Net boot.** **6. Added support for SUM to display SGX-related items.** **7. Updated SATA RAID OPROM/EFI driver to RSTe PreOS v4.7.0.1014 (RSTe SATA 4.7.0.1069 and NVMe 4.7.0.2063).** **8. Updated SUM BIOS setup change before setup/logo.**
New features	**N/A**

Fixes	1. Fixed inability to load Broadcom SAS3008 configuration utility. 2. Fixed issue with IPMI force boot. 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. 6. Changed SGX EpochUpdate and EpochToFactory items' behavior of resetting to 0 if using SUM to set two items. 7. Changed "primary display" = "PCIe" to follow setup template.

Release Notes from Previous Release(s) *– these will be appended at the bottom of the current release notes in italic and in smaller print*